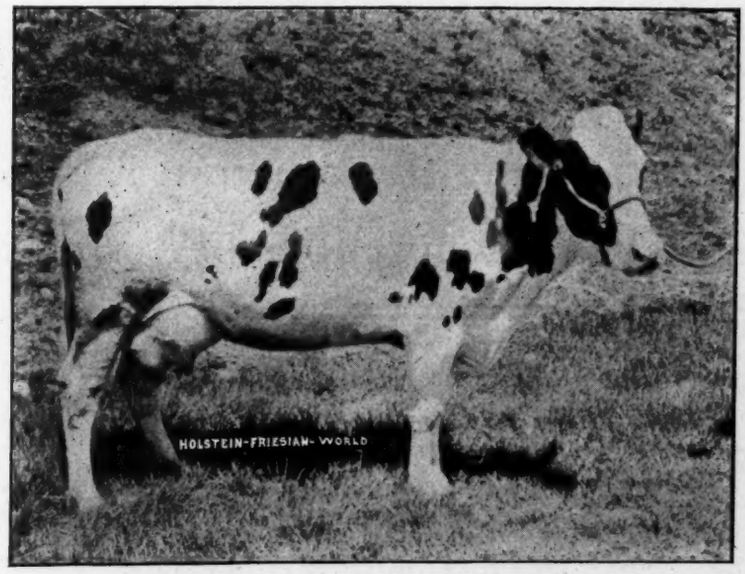
HOLSTEIN-FRIESIAN WORLDZ

WESTERN EDITION

VOL. III. MADISON, WISCONSIN, MAY 30, 1914. NO. 11.



MEADOW BROOK PRILLY DAISY 144304

Dropped calf Dec. 13,1913 at the age of 3 yr. 11 mo. 21 days and produced 560 lb. milk and 30.13 lb. butter in 7 days and 2,274.8 lb. milk and 116.88 lb. butter in 30 days. Owner, John C. Sharpe, Blairstown, New Jersey.

36.65-lb. Bull For Sale

A strongly bred Korndyke bull, combining in the closest possible degree the blood of De Kol 2d, Netherland Hengerveld and Belle Korndyke.

This calf was born April 3, 1913, is well grown, vigorous, a splendid individual and is ready for service.

His dam has a 4-yr-old record of 31.65 lbs. of butter in seven days, and is the highest record daughter of Sir Korndyke Manor De Kol. Her dam, Johanna De Kol 2d, is granddam of a 36 lb. and a 40 lb. cow.

Thie sire of this calf is a son of Sir Korndyke Manor De Kol, and from a 29.86 lb. daughter of Hengerveld De Kol.

Let us send you a chart of this bull if you are in the market for 30-lb. breeding. Correspondence solicited.

Bonalevo Farms

R. E. CHAPIN & SON Box C Batavia, N. Y.

King of the Black and Whites

The Bull carrying the Blood of 3 Families Having Three Generations of 30-lb. Cows

The only bull whose 7 nearest dams have records that average 31.04 pounds butter in 7 days, and 6 of them 30-lb. cows, and the average 30-day records of those 6 is 126.58 lbs., which is the greatest of any bull of the breed.

The only bull that has sired two 30-lb. cows that have each produced a 30-lb. daughter that have also produced 30-lb. daughters. Appears three times in the pedigree of King of the Black and Whites, giving him the strongest transmitting blood of any bull of the breed.

A few bull calves from high record dams, sired by this sire, for sale.

State about what you wish to pay and we will describe the best bull we can sell for the money.

A. A. Hartshorn Holstein Co.

Hamilton, New York

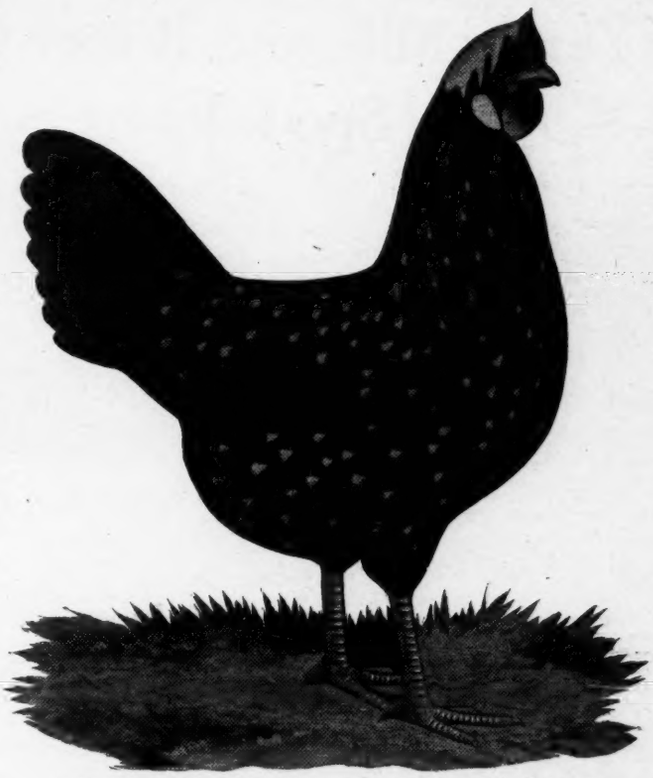
MEADOW-BROOK FARM HOLSTEINS

We offer four beautifully marked royally bred heifers, 3 months old — send for description and prices. To those that are breeding great producing Holstein - Friesians we would recommend our poultry bred along the same lines.

Anconas — that lay from 241 to 289 eggs a year.

Buttercups — the great winter laying breed that record from 255 to 314 eggs a year.

S. C. White Leghrns — trap nested here for years with records up to 286 eggs.



LADY BALTIMORE—the most perfect Ancona hen ever bred. She is a wonderful show bird and a wonderful layer. From Nov. 1st, 1912, to Nov. 1st, 1913, she laid 289 eggs and laid 137 eggs from Nov. 1st to March 1st. She is in Pen 1.

S. C. Blk. Minorcas — Northrup's great white egg strain, that laid for us from 231 to 275 eggs a year.

These 4 breeds of fowl have been egg bred from trap nest records here for years — bred for business from actual test.

White Indian Runner Ducks — the erect racy English typed bird that lay enormous white eggs and every duck has laid for us all winter — outside about six weeks in the fall; these ducks will lay an egg apiece a day. They are kept at a very low cost — and are money makers.

Meadowbrook Farm

Box 42

Cambridge, N.Y.

KING MASTER No. 117183

ONE OF THE BEST BRED HOLSTEIN BULLS ALIVE

Individually, he is considered by Breeders **"Who Know"** as one of the best; having all of the qualifications of a prize-winner and breeding backed by known transmitting ancestry.

His sire, **King of Kings,** whose only daughter to be tested has a senior two-year-old record of 23.39 lbs. butter in 7 days.

His dam, **Aaggie Pauline Sarcastic,** with a record of 36.35 of butter in 7 days, average per cent fat **4.69;** and **134.95** of butter in 30 days, average per cent fat **4.29;** is one of the World's Record cows. She is the highest record show cow in the world; this proving conclusively her superior excellence in every respect.

His grandsire, **Lord Netherland De Kol,** has more A. R. O. daughters and more producing daughters than any other sire, living or dead.

His granddam, **Susie Hengerveld De Kol,** with a record of 27.62 of butter in 7 days, average 5.12 per cent; is the dam of three A. R. O. daughters; her record, when made, was the world's record. This is one of the few really great foundation cows, rich in the blood of the World's Record cows, **De Kol 2nd,** 26.57 of butter and **Susie De Kol,** 25.30 of butter.

As stated by a prominent Holstein breeder: "What goes into an animal through its ancestors will come out through its descendants." Therefore, from the breeding above outlined, is it not convincing evidence that **KING MASTER** is the **PREMIER BRED BULL?**

Service, to Insure a Live Calf, $150.00

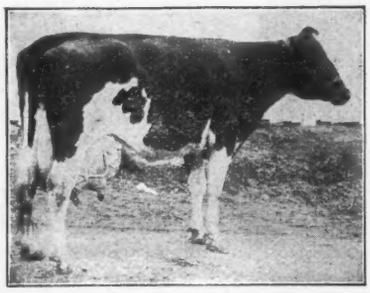
Do some of you breeders need high record young bulls to build up your herds? If so, write us. We have them

GREEN ACRE FARMS

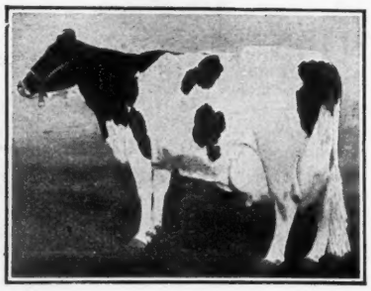
John A. Miller, Prop.
NAZARETH, PA.

Calvin Tobias, Supt.
R. F. D. No. 3, NAZARETH, PA.

Great Yearly Milk and Butter Cows Our Specialty



RIVERSIDE SADIE DE KOL BURKE
Average Milk 6 mo. 100.4 lb. daily



ARALIA DE KOL AT 12½ YEARS
First 28,000-lb. cow.

Milk 1 yr 28,826.4	Butter 1085.13	Milk 1 yr 28,090.0	Butter 1142.32
Milk 2 yr. 54,808.2	Butter 2065.29	Milk 2 yr 50,993.4	Butter 2103.04
Butter 7 day 32.29	30 day 130.14	Butter 7 day 30.14	30 day 122.30
Milk 30 day, Average per day 124.5		Milk 30 day, Average per day 102.30	

RESULT OF TWO YEARS SEMI-OFFICIAL TESTING

6 Cows Average	Butter 1005.02	Milk.....23,109.4
15 Cows Average	Butter 901.40	Milk.....20,525.0
40 Cows Average	Butter 776.22	Milk.....18,160.0
50 Cows Average (including 13 2-yr-olds)	736.36	Milk.....17,350.0

Head your herd with a bull whose dam and sire's dam are 30-lb. cows with 1,000 pound yearly records. The future market is going to be for yearly record stock. We offer several calves with such backing, also two or three whose three nearest dams average 1,000 lbs. butter and around 25,000 lbs. milk. They are splendid individuals, combining great dairy type, transmitting ability, and heavy production.

Write us for prices and pedigrees.

A. W. MORRIS & SONS CORPORATION WOODLAND, CALIFORNIA

Want Ad Column

$1.00 per insertion. Send price with copy.

WANTED—The best bull of serviceable age which $250.00 will buy.

J. D. HAGAN, Mannsville, New York.

WANTED

We have just bought Johanna King Segis and want to sell our herd sire, Jessie Maida Paul De Kol Burke 3rd 60290, a show bull, whose dam and sire's dam have records averaging 27.49 pounds. His sire is by Paul De Kol Jr., whose dam was the first 30-lb. cow of the breed. His dam is Lida De Kol 2nd from a daughter of the world's champion 14-year-old cow and Lord Netherland De Kol who has more A. R. O. daughters and more producing daughters than any other sire of the breed. He is three-quarter white, 5 years old, gentle and a sure breeder. First check for $250.00 gets him.

HOUSLET & McNUT, Oxford, Wis.

WANTED

Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have Could also use 20 registered heifers.

C. E. GESCHWIND,

1452 Elm St., Youngstotwn O.

Jenningshurst Stock Farm

Home of RAG APPLE KORNDYKE, the greatest son of PONTIAC KORNDYKE, offers a few choice bull calves.

W. W. JENNINGS TOWANDA, PENN.

SIR FAIRVIEW MANOR KORNDYKE

is a son of **PONTIAC KORNDYKE** and Fairview Manor Korndyke (27.82 lbs. at 3 years), who was also by Pontiac Korndyke, and from a 24-lb. dam.

We can now offer bull calves by this sire from A. R. O. dams.

R. C. WILSON & SON,

St. Lawrence Valley Farms, Constable, New York.

A Sale of Quality Holstein-Friesians

50——REGISTERED HOLSTEIN-FRIESIAN CATTLE——50
Wellington, Ohio, June 10, 1914

Consisting of A. R. O. cows with records from 18 to 22 lbs., fresh cows springers and heifer calves.

Granddaughters of King of the Pontiacs, Pontiac Korndyke, Paul Beets De Kol, King Segis, De Kol 2d's Butter Boy 3d, De Kol 2d Mutual Paul, Pietertje Hengerveld's Count De Kol, Pontiac Aaggie Korndyke, and a number of other noted sires.

All animals over 6 months old will be tuberculin tested and guaranteed as represented.

Come and get some good stock from the best of breeding.

Catalogs ready June 1st.

SOOY BROS., WELLINGTON, OHIO.

S. T. Wood, Sales Manager. Col. Baylor, Auctioneer.

TWIN BULLS BORN MARCH 14, 1914.

Sire; Clarissa Pietertje Ponto No. 73616 whose dam has a record of 32.52 lbs. butter in seven days. Dam; Leora Korndyke No. 122354, 26.45 lbs. butter in seven days.

Also a couple others from the same sire and A. R. O. dams. Write for pedigree and price to

ISSAC DALRYMPLE ESTATE OTSELIC, N. Y.

Holstein-Friesian World

VOL. XI. MADISON, WISCONSIN, MAY 30, 1914. NO. 22.

Chenango Valley Stock Farm

By Chas. G. Brown.

The Chenango Valley is one of the most fertile valleys of the Empire State and is preeminently a dairy section. North Norwich is situated about midway of the valley between Binghamton and Utica. At this point the valley proper is something more than one mile in width and is traversed by two lines of railroad, the Delaware and Lackawanna and the Ontario & Western. On the eastern side of the valley, taking in a generous portion of the river bottom meadow land with broad pastures extending back on the hillside is located the Chenango Valley Stock Farm.

This farm of 200 acres is the property of Whitman A. Follett, a young man of striking personal appearance, being six feet and two inches in height, broad shouldered, and endowed with strength and energy plus. Starting with small means Mr. Follett has hewn his way to success. This farm put him $5,000 in debt. Four years ago, seeing the necessity of increasing the profits of his farm operations, he bought his first pure-bred Holstein-Friesians and his purchases have since amounted to $4,000. Today he has forty head of pure-breds and is out of debt—energy, brains and Holstein-Friesians have turned the trick.

The herd sire at the Chenango Valley Stock Farm is Prince Rag Apple Korndyke, a son of Pontiac Korndyke and Fairview Rag Apple Korndyke (21.668), a daughter of Dutchland Sir Pontiac Rag Apple, who was a son of Pontiac Korndyke and Pontiac Clothilde De Kol, the latter being the dam of Pontiac Clothilde De Kol 2d (37.207). It will be seen that this sire is closely bred in the most fashionable lines of the day, and he is getting some very promising offspring. (See cut).

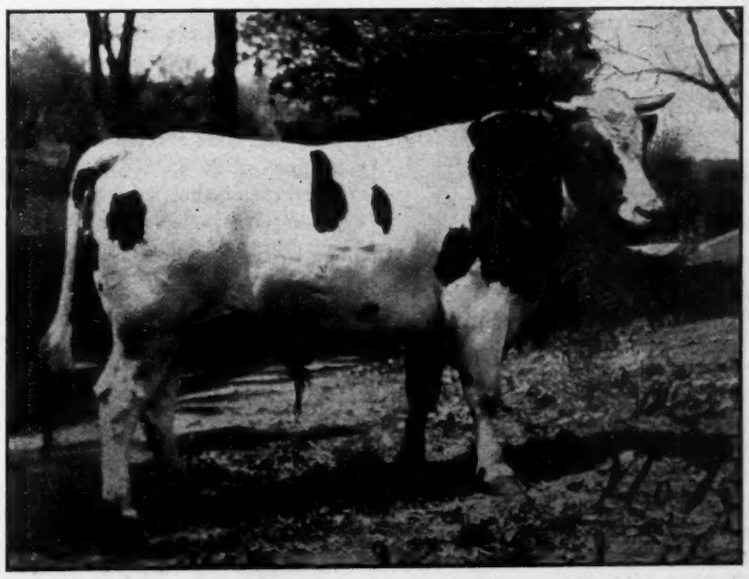
The uniformly good size, rugged constitutions and square udders of this herd were conspicuously noticeable. In several instances four generations, consisting of mother, daughter, granddaughter and great granddaughter, are represented.

Mr. Follett has taken up the A. R. O. work and has made some very creditable records. In these days when 30-lb. records are hawked about as commonplace occurrences, it should still be born in mind that a cow that can produce 25 lbs. of butter in a week under ordinary conditions is a remarkably good cow. Mr. Follett has several of this kind, and many others on the way. It is quite probable that some of these cows with 24-lb. and 25-lb. records are better cows than some that appear in the 30-lb. list. The conditions under which records are made are often the factors which count for the extreme records.

Among the A. R. O. matrons composing this herd we will mention a few, all large, rugged cows with fine udders and showing evidences of great producing capacity:

Belle Korndyke Mercedes De Kol, 25.631 lbs. in 7 days. This record was made after being down with milk fever. Her last day of the test was her best day. Last year she averaged 70 lbs. per day for 90 days. She was sired by a brother of King Segis—Mercedes Lord De Kol. Three of her daughters are in the herd.

Pride Paul Beets De Kol, 25.247 lbs. in 7 days. She is the only tested daughter of River Lawn Pietertje Prince and is out of Paul Beets Soldene Pride, 18.485 lbs. made 40 days after freshening. (See cut.) There are two daughters and two granddaughters of this cow in the herd.



PRINCE RAG APPLE KORNDYKE 73415
Son of Pontiac Kornlyke and Fairview Rag Apple Korndyke. Owner, Whitman A. Follett, No. Norwich, N. Y.

Soldene Paul Beets Pride (See cut.) and half-sister. The latter 16.66 lbs. in 7 days, and 12,000 lbs. of milk in one year.

Rowena Beets Queen Vale De Kol, a daughter of the last mentioned cow, 20.567 lbs. in 7 days, 11,000 lbs. of milk in one year.

De Kol Beets Queen, a daughter of Rowena Beets Queen Vale De Kol, 22.151 lbs. in 7 days, made as a junior four-year-old.

A daughter of De Kol Beets Queen 16.88 lbs. as a junior two-year-old. (Here is a mother, daughter, granddaughter and great granddaughter, all heavy producers and all with good records.)

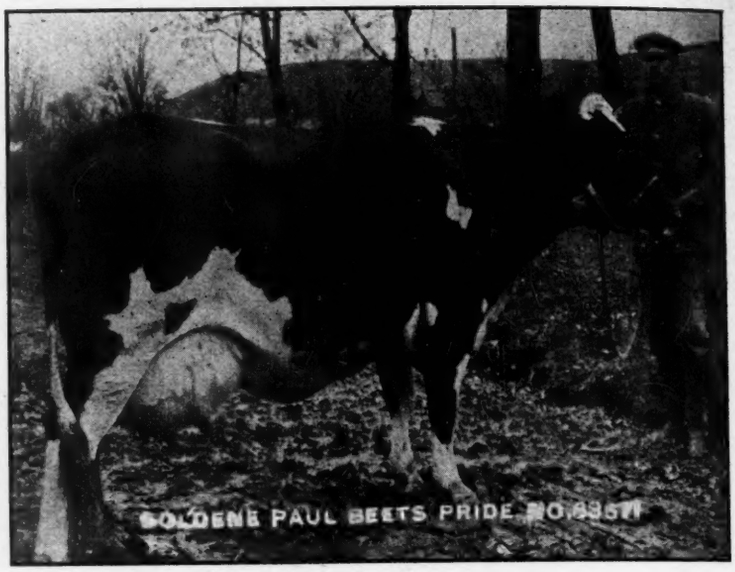
Pietertje Netherland Korndyke, 24 lbs. in 7 days, made as a senior three-year-old. Two of her daughters are in the herd.

Twenty-two daughters of Prince Rag Apple Korndyke are still in this herd. Five of his daughters recently sold in a public sale brought $1340.

Here is a man who, though in the beginning heavily handicapped with debt, is on the road to success and prosperity. However, the measure of his prosperity cannot be wholly estimated in dollars and cents, since Mr. Follett has a family of four bright children, the oldest, a daughter, now in attendance at the Norwich High School.

In this same valley and near neighbors of Mr. Follett, most of the farms in plain view from his residence, are several other breeders of Holstein-Friesian cattle. These are M. D. Firman, G. A. Adams, Frank Case, Frank Skinner, E. B. Hitchman and Ernest Wilcox. Others but a little farther removed might be mentioned.

The factors then, contributing to success in the case of Mr. Follett include energy plus brains, Holstein-Friesian cattle, fertile soil, convenient railroad facilities and a community interest. These combined can hardly fail to place any man on easy terms with prosperity.



SOLDENE PAUL BEETS PRIDE

A granddaughter of Paul Beets De Kol. Owned by Whitman A. Follett, No. Norwich, N. Y.

NEW KIND OF DAIRY TRAIN IN IOWA

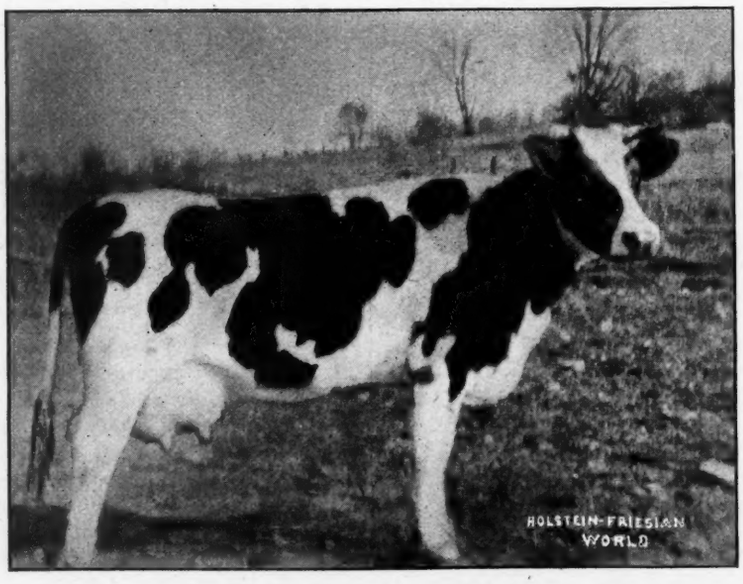
The most recent tour over the Burlington Railroad has undoubtedly had a more far-reaching influence on improving dairy conditions in Iowa than any of the nine previous dairy trains operated by the State Dairymen's Association. The specials operated heretofore made stops from one to two hours in length. These served the purpose of spreading the fundamental principles of dairying, but the limited time did not allow the detailed information which was given at the meetings conducted on the special train operated during the past Winter.

The instruction train covered the southern part of the State, which section is particularly adapted to dairying because of its soil and climatic conditions. Pasturage is exceptionally good in the rolling portions, while the level land produces an abundance of roughage and grain which plays such an important part in economical milk production. Here the land needs crop rotation and the addition of fertility, both of which can be had with the proper system of dairying.

Due to the full day programs given each town, the number of stops were limited and only those communities that boosted for the movement were given meetings. The farmers, the business men and the commercial clubs at each of the towns where stops were made co-operated in every possible way to make the meetings a success.

The programs started at 10:00 and continued until 4:30 o'clock. Upon the arrival of the train lectures were immediately started at the town hall. The subjects of feeding, breeding, care of the herd, the pure bred sire, barn construction, silos and silage, the growing of alfalfa, the care of cream, the diseases of dairy catttle and the maintenance of soil fertility were all taken up in a practical manner. After each lecture questions were called for and the discussions which resulted proved especially interesting.

At the completion of the program at the hall the entire audience was taken to the barn which had been provided for the local cow show. This feature was probably the most practical and helpful of the entire meeting. At each town the business men provided prizes for the best cows exhibited. This created considerable rivalry and brought out from twenty to thirty-five animals for each show.



DE KOL BEETS QUEEN 142129

Butter 22.151 lb., milk 462.4 lb. Age at time of test 4 years 23 days. Owned by Whitman A. Follett, No. Norwich, N. Y.

After arriving at the barn one of the local cows was led into the ring and used to demonstrate the essential characteristics of good dairy type. When this was completed all of the cows were lined up for the show. They were judged according to their dairy qualities and reasons given for placing them in their relative positions. The prizes were then awarded.

From the cow show the scene of activity was transferred to the exhibit cars. The large baggage car was equipped as a model dairy barn and the modern stanchions and stalls were occupied by representatives of the leading dairy breeds. The exhibit of dairy appliances, model silos, barns, etc. was more extensive than that carried on previous trains. Numerous charts, maps and diagrams covered the walls and a large table was always filled with practical bulletins for distribution.

In addition to the regular work the boys and girls were given a complete program. Arrangements had been made to have the boys and girls of each community assemble at the High School. Here lectures on general agriculture and dairying were given, special emphasis being placed on the importance of the young people to remain on the farm. Judging contests were also conducted and the boys and girls entered into the work with the proper interest. Prizes were offered at each town for the winners in this contest.

A milk record contest among the boys and girls was also started. This is to encourage herd improvement and each contestant is required to keep complete records on three or more cows for three months. The basis for awarding the valuable prizes offered is on the reports and essays of the contestants and not upon the production of the cows. The reports thus far received at the office of the Association indicate that a great deal of good will accrue from this contest.

The train was under the supervision of E. S. Estel, State Dairy Expert, and J. B. Lamson, Agriculturalist for the Railroad. In addition to the Dairymen's Association the Dairy Commissioner's Department, the Iowa State College and the State Veterinary Department were represented.

———o———

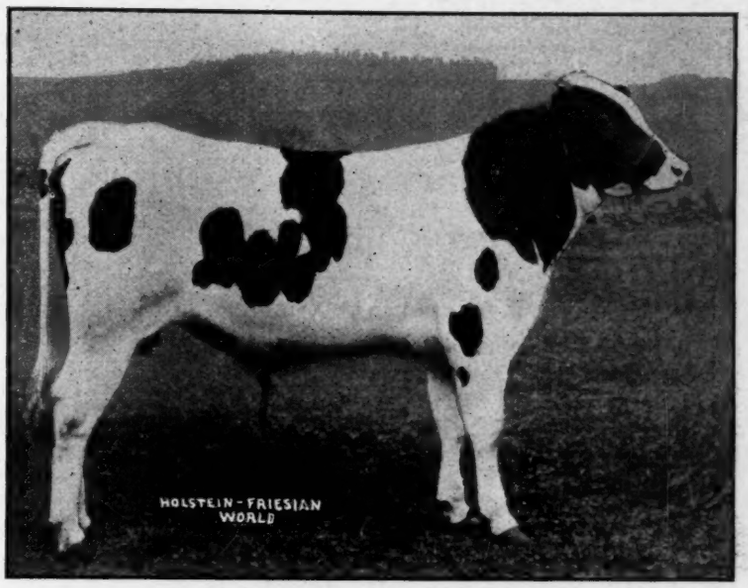
Huerta has demonstrated how a dictator may maintain disorder.

* * *

One swallow may not make a summer, but a lark betokens the fall.

* * *

A business built by bunkum beckons bankruptcy.—Hubbard.



KING LYONS 3D.

A son of King Lyons, herd sire at Moyerdale, H. A. Moyer, proprietor, Syracuse, N. Y. King Lyons is the son of Colantha Johanna Champion and Segis Betta (27.09). Owned by James Stone, Marcellus, N. Y.

Official Records of H.-F. Cows

NAME OF COW AND OWNER.	Milk, lbs.	Average per cent. fat.	Butter fat, lbs.
263 COWS	**APR. 17 TO 21, 1914.**		
Tiny Fairmont Hartog Pauline 102398, John Arfmann	645.1	4.10	26.455
Thirty-day record	2802.1	3.86	108.042
Pelham De Kol Urma 109314, J. W. Vaughan	548.5	4.43	24.316
Inka Aaggie Pietertje Hengerveld 75152, F. H. Thomas & Son	536.1	4.44	23.794
Thirty-day record	2311.3	4.05	93.546
Fairview Jessie Korndyke 112109, E. H. Dollar	539.9	4.35	23.499
Empress Josephine of Brookside 2nd 116507, A. C. Hardy	655.4	3.44	22.565
Thirty-day record	2662.7	3.42	91.128
Greenwood Johanna Spofford 122857, E. H. Knapp & Son.	663.8	3.40	22.555
Thirty-day record	2710.5	3.29	89.123
August Wit Mercedes 75396, H. B. Favill	574.9	3.91	22.495
Fourteen-day record	1166.8	3.81	44.513
Pansy De Kol Burke 93864, H. M. Dunham & Sons	477.9	4.55	21.740
Canary Mercedes Butter Girl 114099, Bobin Carr	569.2	3.80	21.658
Princess Serida Segis Beets 129544, Oliver Cabana, Jr.	552.0	3.91	21.638
Thirty-day record	2406.5	4.10	88.894
Sixty-day record	4449.1	3.84	171.078
Walnut Lady Parthenea 2nd 83613, R. E. Chapin	430.4	4.82	20.748
Thirty-day record	1784.8	4.85	86.555
Flora Freddie De Kol 79626, Max A. Witte	589.0	3.49	20.574
Fifteen-day record	1280.2	3.39	43.382
Lies Clothilde 2nd 103812, C. L. Banks	604.3	3.40	20.536
Thirty-day record	2512.7	3.20	80.379
Segis Belle 103099, F. N. Thomson & Son	540.7	3.76	20.320
Thirty-day record	2254.2	3.73	84.183
Tidy Abbekerk Brunnhilde De Kol 98131, H. M. Dunham & Sons	594.9	3.35	19.922
Mechthilde Wa Wa Longfield 147824, Harry Keach	555.6	3.59	19.921
Lilith Susie De Kol 101917, F. R. Allen	546.4	3.63	19.834
Portia Bryonia Korndyke 124655, L. Lindauer	416.1	4.68	19.469
Venus Sadie De Kol 2nd 201701, J. W. Vaughan	592.3	3.27	19.373
Rosy Spofford 125029, A. F. Blankman,	515.3	3.74	19.255
De Kol Perfection Pauline 2nd 99900, Wm. Buddenhagen & Son	523.2	3.67	19.197
Clementine Colantha Lass 95989, H. B. Favill	530.2	3.47	18.451
Fourteen-day record	1040.0	3.47	36.118
Burke Jewel Netherland 2nd 97845, Max A. Witte	476.4	3.87	18.425
Fifteen-day record	1014.8	3.76	38.202
Miles Pamelia Boon Wayne 138341, A. B. Miles	598.5	2.99	17.890
Serena Belle Korndyke 121356, M. & L. Upham	467.3	3.82	17.843
Colantha De Kol Tritomia 122471, H. B. Favill	488.4	3.64	17.755
Fourteen-day record	995.1	3.49	34.750
Cornelia De Kol Pauline 68159, Fred A. Ziegler	427.5	4.15	17.745
Lady Jewel Pontiac Girl 116637, G. T. Tuckerman	533.9	3.32	17.714
Artis Rose De Kol 94093, M. J. Wyeth	401.2	4.35	17.444
Spring Farm Pauline Korndyke 123318, F. M. Jones	445.1	3.91	17.424
May Queen Canary 103531, Henry Anthes	437.4	3.92	17.141
Vashti Shadeland Queen 2nd 106398, H. B. Favill	416.8	4.11	17.133
Queenie May De Kol 189408, E. H. Dollar	480.8	3.55	17.077
Frisia De Kol 3rd 81172, Austin William Roel	400.1	4.26	17.059

MC HENRY CO. BOOKLET

Hebron, Ill., May 19, 1914.

Dear Sir:

The McHenry County Holstein-Friesian Breeders' Association, which has already accomplished a great deal of good for breeders of both pure bred and high grade Holsteins, is now about to publish a 40 page booklet for the purpose of advertising McHenry County as headquarters for high class pure bred and grade Holsteins.

This booklet will contain about 60 illustrations of the best cattle in this section, as well as the names and addresses of all members of the Association.

The photos have been taken by R. F. Hildebrand of Chicago, and the booklet is being compiled by Geo. A. Hunt of Woodstock.

500 copies of the booklet will be printed and distributed. This will result in great benefit to all members of this Association and if you have a herd of pure bred or grade cattle you are invited to join the Association now and have your name and address published in this booklet. Just pin your check or $2 to this letter and send to me by return mail and I will mail certificate of membership to you promptly.

Do not lay this aside, but attend to it now while it is fresh in your mind and my word for it you will be repaid many times over for the investment.

If you should not happen to have the cash on hand just at this time just return the letter with a statement that you wish to join with us and you can make payment later.

Awaiting your prompt reply, I am,

Yours very truly,

J. H. Turner, Secretary.

"A couple of days ago Mr. Thos. Ward of Bryant, S. D. came down to look over my new dairy barn and my Holstein cattle. He is just making a start with Holsteins himself. Before he had left I had persuaded him that it was impossible to become a live, up-to-date, enthusiastic breeder of Holstein cattle without joining our State Association and subscribing for the H.-F. World. I enclose you $1.00 to pay for his subscription."—P. R. Crothers, Badger, S. D.

* * *

"I appreciate the paper very much and it surely helps the cause along." —C. A. Nelson, Waverly, Ia.

* * *

"We like the World fine and enjoy the many pictures of notable Holsteins."—Chas. Holston & Son, Topeka, Kan.

Aaggie Butter Girl Felecia 83453, C. L. Banks	570.5	2.98	17.025
Thirty-day record	2341.9	2.98	69.867
Sixty-day record	4628.6	3.09	142.955
Lulu Junior De Kol 110422, Markley Bros.	448.1	3.79	16.976
Oasis de Haan 129906, J. A. Fuggle	475.1	3.56	16.918
Aaggie Catrina Pietertje 2nd Lass 118426, W. E. Knight	617.4	2.73	16.877
Piebe Ormsby 113020, H. B. Favill	430.8	3.88	16.719
Bessie Ophelia Queen 69957, Leslie J. Salmon	468.5	3.55	16.625
Pearl Felicia De Kol 2nd 218435, E. H. Dollar	544.4	3.04	16.570
Queen Von Harlingen 101000, Mielenz Dairy & Prod. Co.	464.1	3.55	16.504
Abbie Princess Mercedes 125529, John W. Rolsma	487.9	3.36	16.386
Maid of Elmwood Hartje 2nd 127177, E. H. Dollar	508.6	3.22	16.358
Prudie Hartog Johanna 103203, Backus Bros.	476.3	3.43	16.355
Ada of the Oaks 48116, F. R. Allen	405.5	3.98	16.123
Irene Clifden De Kol 66674, John Clausen	477.0	3.37	16.057
Rijaneta Daisy Ormsby 87089, Max A. Witte	480.8	3.31	15.918
Alderley Black Beauty 2nd 81787, Max A. Witte	421.2	3.76	15.838
Piebe Mercedes Cornelia 105398, Fred A. Ziegler	457.7	3.43	15.700
Calamity Bohn Paul 111878, Leslie J. Salmon	415.9	3.77	15.674
Hadassa May 2nd 148733, Henry J. Gehringer	431.6	3.63	15.648
Woodcrest Hartog De Kol 116447, R. E. Chapin	462.1	3.36	15.545
Thirty-day record	1948.9	3.30	64.327
Milla Artis De Kol 123245, E. H. Dollar	470.8	3.29	15.512
Queen of Alden Longfield De Kol 72330, Mielenz Dairy & Produce Co.	380.9	4.05	15.426
Piersma De Kol Princess 168231, J. M. Risley	424.5	3.56	15.150
Jessie Mechthilde De Kol 2nd 117897, R. E. Chapin	420.4	3.60	15.117
Starin 324, 65996, Chas. L. Gros	463.3	3.23	14.971
Princess Armourette 100418, J. T. Stewart	463.1	3.19	14.757
Daisy Antje De Kol 66161, Austin William Roel	449.2	3.27	14.723
Harriette De Kol Pet 91749, K. C. Thornton & Son	417.8	3.47	14.479
Winnie of Iosco 2d 108350, Albin R. Pfau	454.5	3.13	14.243
Homefields De Kol Beets 3rd 102106, Wm. Buddenhagen & Son	468.1	3.03	14.192
Rosalie Paul De Kol 128176, N. V. Lasher	405.2	3.49	14.129
Lynden Pansy Clothilde Pledge Acme 95663, Fred Wilcox	421.4	3.35	14.098
Netherland Nemesis De Kol 2d Lass 104928, A. W. Roel	360.7	3.87	13.957
Aaggie Clothilde De Kol Queen 141891, Woodcock Bros.	432.7	3.19	13.815
Fourteen-day record	841.4	3.22	27.174
De Kol Netherland Countess 75523, F. R. Allen	419.4	3.25	13.638
Piebe Mercedes 2nd 86897, Rust Bros.	364.1	3.68	13.410
Queen De Kol Rosa Bonheur 89759, W. R. Gates	451.5	2.94	13.278
Gertrude Netherland Belle De Kol 2d 126035, W. Robens	367.1	3.53	12.951
Crown Jewel De Kol 92218, F. R. Allen	359.1	3.56	12.776
Clothilde Pledge Johanna 11791, R. P. Kutschbach & Son	405.5	3.15	12.771
Betsy Ormsby Spofford 117922, F. C. Whitney	395.2	3.23	12.758
Magie Ormsby De Kol 113099, T. P. Hemmy	353.2	3.59	12.706
Ramona Monk Van Beets 89379, John W. Rolsma	383.5	3.31	12.698
Addie Merdu Serida 177951, W. C. Mason	303.6	4.14	12.568
Mercedes of Green Meadow Farm 213244, L. I. Lawson	372.9	3.34	12.438
Frisia Nemesis De Kol 3rd 77957, Austin William Roel	333.8	3.71	12.373
Colanthus Korndyke 105566, Geo. L. Cook	386.4	3.17	12.267
Mercedes De Kol Princess 89160, John W. Rolsma	408.3	3.00	12.252
Flora Mercedes De Kol 2nd 111639, W. R. Gates	356.7	3.42	12.186
Black Bess Winona 92471, Robin Carr	363.9	3.34	12.163
Allie Lizzie 79178, C. C. Fries & Son	354.8	3.42	12.139
Princess Alice Veederzaam 2d 64829, Vermont State Hospital	355.1	3.41	12.122
Lily Calima De Kol 124663, John W. Rolsma	299.3	4.01	12.007
Maggie Veederzaam 111208, Vermont State Hospital	421,0	2.85	12.006
Marie Staunch Clothilde Pietertje 104069, W. C. Mason	338.0	3.55	12.005
SENIOR FOUR-YEAR CLASS			
Clothilde Pontiac Beets 124566, C. L. Banks	526.5	3.37	17.756
Thirty-day record	2142.0	3.25	69.569
Masterpiece Jessie 137282, W. A. Matteson	527.7	3.20	16.870
Thirty-day record	2165.6	3.21	69.689
Countess Symen De Kol 2nd 135085, D. R. Thomas	516.8	3.20	16.559
Frances Arona 134953, A. F. Blakeman	496.8	3.22	16.005
Nancy Hanks Pietertje 2nd Lass 116285, C. F. Hunt	453.6	3.45	15.661
Nellie Nephele De Kol 131028, C. P. Loren	466.4	3.14	14.630
Alice De Kol Pohlcrest 134981, Melvin & Godfrey	331.3	3.86	12.775
Luecke Bessie Withoorn Pauline 2nd 120626, H. S. Cheney	353.7	3.28	11.589
JUNIOR FOUR-YEAR CLASS			
Tidy Abbekerk Princess Pauline 143379, H. M. Dunham & Sons	500.7	4.84	24.212
Thirty-day record	2154.8	4.27	92.044
Rose Carrie De Kol 2nd 140005, John L. Phelps	603.8	3.62	21.845
Thirty-day record	2338.0	3.57	83.474
Mary Howland Korndyke 132866, John Snyder	623.5	3.00	18.729
Twenty-one-day record	1818.1	2.92	53.003
White Mary Mechthilde 2nd 145482, R. E. Chapin	437.8	4.14	18.147
Johanna Fayne Homestead 152212, H. B. Favill	490.1	3.64	17.850
Fourteen-day record	1028.2	3.40	34.961
Aaggie Cornucopia Twisk 2nd 141259, H. G. Wiley	497.4	3.58	17.793
Idlewild Princess 3rd 133521, John Snyder	531.6	3.30	17.559
Twenty-one-day record	1537.0	3.13	48.133
Westside Crissie 141004, John M. Howard	489.7	3.58	17.519
Riverlawn De Kol Beryl 160681, J. T. Stewart	442.4	3.75	16.598
Viscount Jennie Jewel De Kol 178013, Jacob S. Brill	419.5	3.85	16.168
Hester Pontiac Segis 146904, W. H. & F. S. Smith	459.0	3.50	16.082
Favorite Netherland De Kol 2nd 133520, John Snyder	489.8	3.21	15.716
Fourteen-day record	946.9	3.20	30.258
Countess Calamity Wayne De Kol 2d 139676, Robin Carr	413.4	3.62	14.959
Queen De Kol Abbekerk 145980, H. M. Dunham & Sons	498.8	2.95	14.725
May Hengerveld Monk 2d 149284, G. W. Rising	348.1	4.15	14.429
Zaida Alene De Kol 138442, John W. Worthington	427.6	3.22	13.790
Lord Netherland Princess 132592, A. M. Wright	399.2	3.38	13.485
Fanny Waldorf De Kol 2nd 135490, C. B. McCanna	387.8	3.41	13.212
Rex Elsie Wayne Korndyke De Kol 124833, A. Reid, Jr.	395.4	3.26	12.875
Henrietta Clothilde Hengerveld 130879, Chas. L. Fonda	355.9	3.52	12.536
Dolly Louise 2nd 148812, R. E. Chapin	343.2	3.61	12.387
Electa Jane 2nd 143747, W. R. Gates	358.8	3.41	12.251
Beth of Whetstone Farm 2nd 131503, C. B. McCanna	371.7	3.12	11.598
Pietertje Hengerveld Netherland 2d 125223, A. W. Roel	364.7	3.05	11.128
SENIOR THREE-YEAR CLASS			
Fairview Korndyke Maid 151893, E. H. Dollar	523.0	4.40	23.000
Thirty-day record	2212.9	4.20	92.863
Canary Tet Hengerveld 182899, Cole Bros. Co.	496.9	4.17	20.705
Nioma Pietertje De Kol 4th 152860, N. V. Lasher	493.7	3.74	18.451
Pearl Longfield Spofford 159164, Harry Keach	514.6	3.58	18.444
Finderne Pontiac Pride 144563, Jabez Smith	418.8	4.25	17.807
Westside Mona Pietertje 151450, J. M. Howard	525.0	3.37	17.695

(Continued on page 695.)

The Growing of Dairy Heifers — I.

By Prof. Geo. C. Humphrey.

Dairy heifers are the foundation upon which rests our dairy industry. To cease growing dairy heifers would soon cause the dairy industry to collapse and produce a hardship through the absence of dairy products that would very seriously effect the human race. No matter how strong the argument may be in favor of buying cows with which to establish and maintain the herd, the fact remains that someone must grow heifer calves. If more dairymen than do would take time to consider the importance of growing heifer calves and to study all that has been learned and what there is still to be learned upon the subject, there would be fewer failures in the dairy business and less variation on the part of cows as regards their production and net returns.

It is not the purpose to argue that every dairyman should raise his cows, but there are advantages in ones doing this which to mention will be encouraging to men who may think that growing heifers is expensive and burdensome. These advantages are as follows:

It enables one to establish and maintain a herd of cows of uniform breeding which at the same time, if well selected, are uniformly good individuals and profitable producers.

It overcomes the difficulty and the expenditure of time and money incident to buying cows.

It safeguards the herd from contagious diseases like tuberculosis and abortion.

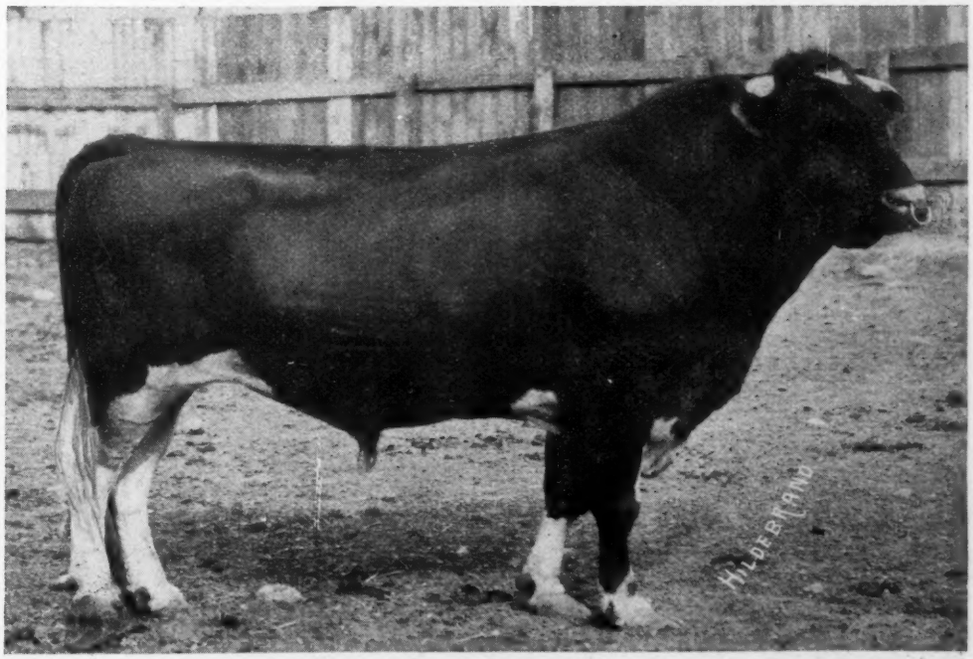
It makes it possible to keep a herd of comparatively young cows from which cows are sold from time to time at remunerative prices.

Where one becomes interested in the selection and breeding of cattle as he must necessarily become in the growing of heifer calves and watching them develop into cows, there is greater satisfaction even with less income than there is in simply milking cows and getting the proceeds from the milk.

By the time purchased cows adapt themselves to a strange herd and return over cost of feed an amount equal to their purchase price, and the losses which result from dealing with cows of unknown breeding and habits are taken into account, the dairyman is in a position to see more clearly the advantages of raising his own cows.

The first essential factor in growing heifer calves is *a man who loves good calves.* With such a love one is particular to raise calves that possess all of the characteristics of good breeding, good feeding, and good development, and to insist upon freedom from any objectional features that detract from the general appearance and value of the calf. Such love will prompt a man to do the thousand and one things which successful calf feeders practice that never get into print and cannot very well be a part of the written law pertaining to good calf husbandry. It might suffice to say that calves after a manner should be given the same kind of attention that a wise mother gives her child. A man who does not have this love in his hear can raise calves after the too common method of raising them, but his calf department might thrive better if he would turn it over to some other member of the family. Growing calves is a nice job for the boy of the farm who loves pets and who has been taught to be methodical in his work.

NOTE.—This is one of a series of short articles on "The Growing of Dairy Heifers" by Prof. George C. Humphrey. Others will be printed in subsequent issues.



CORNUCOPIA PONTIAC JOHANNA LAD 48355.

Son of King of the Pontiacs & Manor D. K. Kate 2d, a 24.95-lb. daughter of Aaggie Cornucopia Johanna Lad. He is a worthy son of these great sires, having produced one daughter with 19.78 at 26 months of age, another with 19.30 at 30 months and another with 23.06 at 4 years. Owner, Frank White & Son, Woodstock, Ill. To be sold in sale June 11th.

MEADOWBROOK PRILLY DAISY

Editor H.-F. World:

Dear Sir:—In response to your request of April 21, I am sending you a photograph of Meadow Brook Prilly Daisy 144304 and facts in regard to her test and breeding. Meadow Brook Prilly Daisy was born January 22, 1910. She dropped her first calf April 30, 1912, and produced in test 402.8 lbs. of milk and 19.76 lbs. of butter. 269 days after calving she was put in test seven days, without a single day's preparation; and produced 307.7 lbs. of milk and 13.407 lbs. butter. The average of the two tests is 355.25 lbs. milk and 16.854 pounds of butter.

The heifer continued to milk a full year without any decrease of her milk flow, and according to the law of averages she produced 18473 lbs. of milk and 861.38 lbs. of butter in one year, beginning at 2 yrs., 3 mos., 8 days. Our private records show 18,800 lbs. of milk in the year. The averages must be about right.

She was bred to freshen the second time later in the year and dropped the second calf Dec. 13, 1913 at 3 yrs., 11 mos., 21 days and produced 560 lbs. of milk, and 30.13 lbs. of butter in 7 days, and 2274.8 lbs. of milk and 116.88 lbs. of butter in 30 days. The per cent of butter fat for the four tests are respectively 3.92, 3.48, 4.30 and 4.11. She made all of her records apparently without any effort and although she has a great appetite we have never fed her more grain than the amount usually consumed by the average business dairy cow. However, she ate a large quantity of roughage. The photograph enclosed was taken on May 7, 1914, four months and nineteen days after freshening and shows about her general appearance throughout the year.

We are very much pleased with her record as she was the first three-year-old daughter of Sir Prilly Walker to freshen. We think Meadow Brook Prilly Daisy is a splendid heifer, but we believe that there are some more of his daughters quite as good, and next year ought to see several 30-lb. sisters. The others, that are a few months younger have run from 21 to 24 lbs.

Meadow Brook Prilly Daisy's last calf was a bull, sired by Lewis Prilly (Rouble) Hartog 2d, our second sire. In his four-generation pedigree are three 30-pound cows, each of which is the dam and the grand dam of a 30-pound cow in direct succession. That is to say that of the four families of three generations of 30-pound cows, three families come from the four-generation pedigree of our Prilly Rouble Bull. If it were not for any objection to in-breeding, no money would buy this calf. I think all your readers know about Sir Prilly Walker the bull with the exclusive blood of Hengerveld De Kol and Johanna Rue 3d's Lad added to the Prilly-Walker combination.

The dam of Meadow Brook Prilly Daisy is Meadow Brook Daisy, a good 20-lb. daughter of a good A. R. O. daughter of Johanna Rue 3d's Lad. The sire of Meadow Brook Daisy is Model Sir Aaggie, a son of old Belle Model, the dam of Belle Model Johanna 520 lbs. milk, 25.337 lbs. butter and Bloomingdale Hengerveld Model 558.3 milk and 30.257 butter at 4½ years.

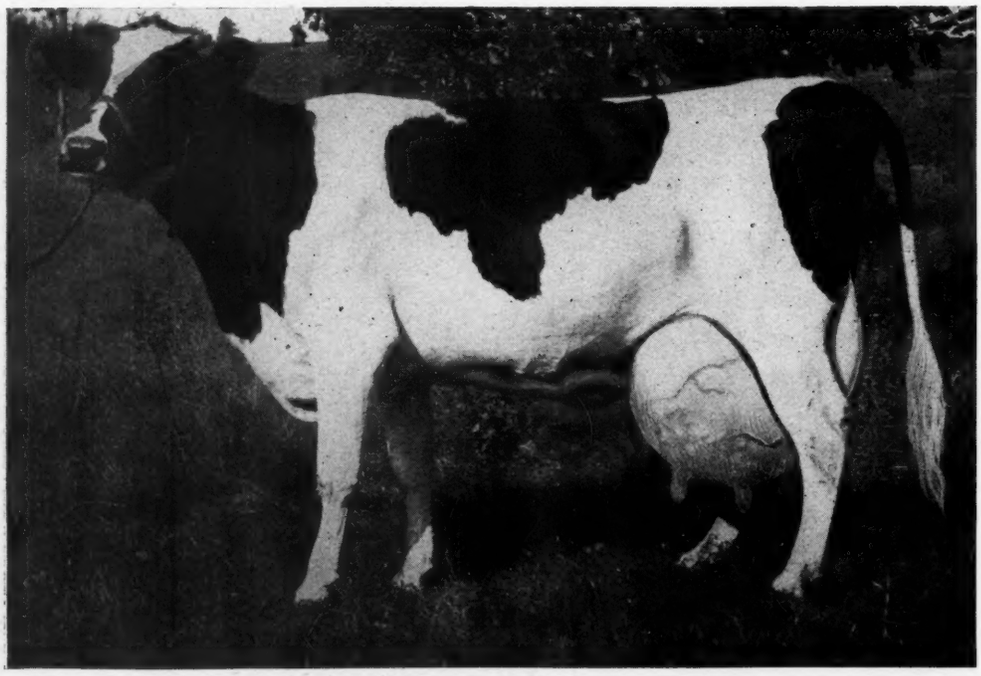
I refer to the breeding of our heifer because it shows pretty clearly the outcome of good breeding, and good breeding is the combination of the blood of prepotent animals. It is not an attempt to derive large producers from our high record animals — that is only rainbow chasing.

Our astronomical aspirations are rather to ascend into the "milky way."

We have been breeding Holstein-Friesians for eleven years, beginning in a small way, and our policy has been to keep eliminating all animals but the best ones, and above all, to choose the best bred bulls, the bulls most closely related to the well-determined prepotent sires and dams. Our herd now numbers usually about 100 cows and heifers, practically all of our own breeding.

JOHN C. SHARPE,
Blairstown, N. J.

"Please discontinue sending me the H.-F. W. I have lost money on Holstein cows as the ones I have are no better than scrub cows."—Ed. P. Funk, Earl Park, Ind.



GROVELAND KORNDYKE CORNUCOPIA
Daughter of Cornucopia Pontiac Johanna Lad. Record, 19.30 at 30 months of age. Owned by Frank White & Son, Woodstock, Ill.

Field Notes

It is worthy of note that the new Guernsey champion, May Rilma, is not with calf.

* * * *

In the dairy herd of the University of Nebraska there are seven cows having semi-official yearly records averaging 571.0 lbs. fat and 17,636 lbs. milk.

* * *

According to the Bureau of Statistics, U. S. Department of Agriculture, the average condition of pastures on May 1st was 88.3, compared with 87.1 on May 1, 1913, and a ten-year average on May 1 of 85.6. The average condition of meadow lands on Hay 1 was 90.9, compared with 88.5 on May 1, 1913, and a ten year average on May 1, 1913, and a ten year average on May 1 of 88.1.

* * *

A contest is on in Wisconsin to determine those farmers who are making the most money from their farms, cash prizes amounting to $300 having been offered by Ex-Governor W. D. Hoard. The winners in the state competition will be selected from among the 34 farmers who have won positions in the eleven county contests which have already been held. A number of good Holstein men are still in the race.

* * *

The Live Stock Exhibit at the Panama-Pacific International Exposition at San Francisco in 1915, at which all the great cattle and stock raising nations will display, will cover 65 acres. $175,000 has been set aside by the Exposition management for premiums and prizes for live stock, and the sum of $47,000 has been raised by breeders' associations in the United States and abroad.

* * *

May Rilma received practically the same ration during every month of her test. Here is the grain mixture of which she was given 18 pounds daily: 250 lbs. bran, 100 lbs. gluten feed, 50 lbs. hominy feed, 50 lbs. oil meal and 50 lbs. cotton seed meal. The ration was divided into three feeds and she was also given three pounds molasses and three pounds dried beet pulp daily. She ate 30 lbs. silage and 16 pounds carrots each day beside all the clover and alfalfa hay she wanted. Her daily consumption of water was about 300 pounds.

* * *

The ninth semi-annual sale at Lake Mills was well up to standard as can be determined from the report in this issue. The top price of the sale was $1,025. Two animals consigned by John Hetts of Ft. Atkinson, went at this price and both were purchased by Houslet and McNutt of Oxford, Wis., who, be it remembered, are the parties, who paid the top price of $4,500 at a recent Syracuse sale for Johanna King Segis, the son of the $7,000 40-lb. cow, Johanna De Kol Van Beers. This is the only 40-lb. bull in the state and certainly adds considerably to the rank of Wisconsin among Holstein-Friesian States.

* * *

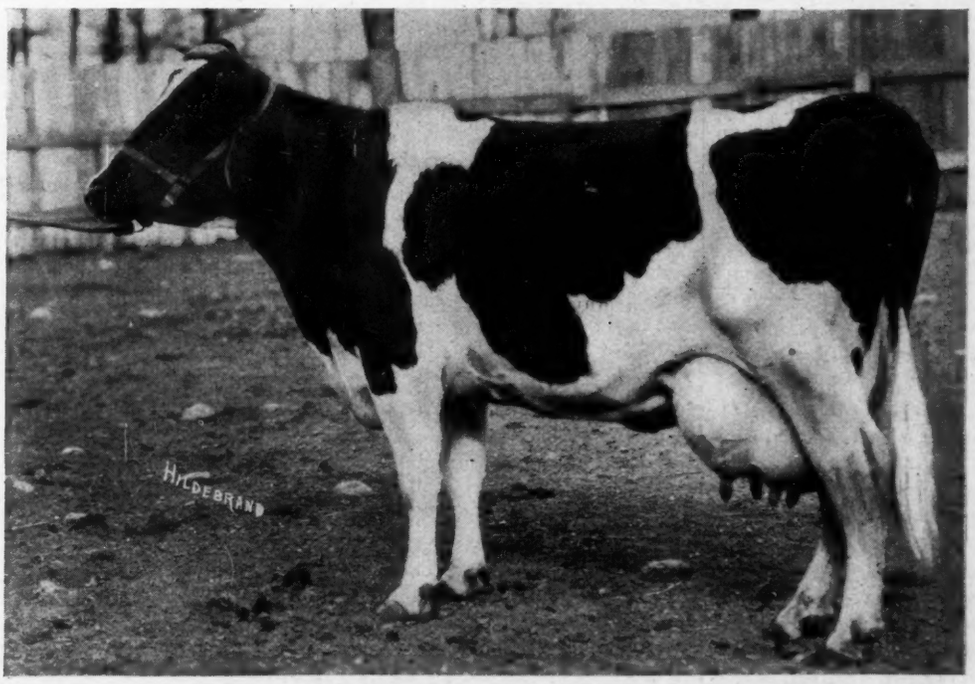
The knowledge of the sale by John Arfmann of a half interest in King Segis Pontiac Alcartra to L. L. Lawson, LaGrangeville, N. Y. for $25,000 has by this time spread pretty well over the country but it takes a little longer to discover all those who have profited directly by this transaction. However, the names of three Western breeders occured to us immediately upon receiving news of the sale. F. J. Bristol & Sons Company of Oakfield, Wis., own King Segis Pontiac Polkadot, a full brother in blood to the now $50,000 bull. They have the same sire and the dams are full sisters. Two other breeders who have perhaps benefitted even more are R. E. Haeger, Algonquin, Ill., and T. E. Getzelmann, Hampshire, Ill., who jointly own King Segis Pontiac, the sire of both the above bulls. Thus laurels are added to the reputation of King Segis Pontiac. His record as sire of high priced animals is unapproached.

* * *

Perhaps there is no such thing as luck, but when a man wants to start a pure bred herd from a few foundation cows and gets nothing but bull calves the first two or three years—what do you call it?

* * *

If Huerta does not sleep well, we recommend running, which is a very healthful exercise.



GROVELAND PONTIAC HIJLAARD
Daughter of Cornucopia Pontiac Johanna Lad. Record 23.06 at 4 years of age. Owned by Frank White & Son, Woodstock, Ill.

HOLSTEIN-FRIESIAN WORLD

The only weekly Holstein-Friesian Journal.
Entered at the Madison, (Wis.) Post-office as second class mail matter.
Issued on alternate Saturdays from Madison, Wis. and Lacona, N. Y.

HOLSTEIN-FRIESIAN WORLD CO., Publishers.

WESTERN EDITION—Chas. G. Brown, Senior Editor, Ithaca, N. Y., Ira S. Brown, Junior Editor, Madison, Wis.
EASTERN EDITION—Editors: E. M Hastings and M. S. Prescott, Lacona, New York.

Subscription price for the United States and Mexico, $1.00 per year in advance. All other foreign subscriptions (including Canada), $1.50.

Personal checks will be accepted for sums not less than $1.00.

The date following the address on the wrapper of each paper indicates the time to which subscription is paid, and is to answer the purpose of a receipt.

When a subscriber wishes his subscription discontinued, he should notify his nearest office.

Offices of publication, Hastings Bldg., Lacona, N. Y., and 1025 Sherman Ave., Madison, Wis.

Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

All matter for publication in the Western Edition must be received by the Saturday preceding date of issue.

When so desired, advertising copy will be prepared or revised for our customers free of charge.

ADVERTISING RATES

One dollar per inch, each insertion.

On yearly contracts for a given space a discount of 50 per cent will be allowed, the same rate of discount to apply to any larger space that may be required, except for public sale advertising. On yearly contracts for every-other-week advertising, a discount of 35 per cent will be allowed.

Special page rates (applying to other than cover pages, which admit of not less than the regular yearly rate)—

Full page (30 inches) for one year. 52 issues, $650.00

Half page (15 inches) for one year 52 issues, $350.00.

Editorials

"The Holstein vs. the Jersey."

In recent issues of both Wallaces' Farmer and the Breeders' Gazette has appeared an article entitled "The Holstein vs. the Jersey", written by W. S. Prickett, a Jersey deciple, to show the great superiority of the Jersey cow. Where numerous factors have to be considered, it is possible to so juggle figures that even the Jersey may be shown to be more profitable than the Holstein-Friesian and Mr. Prickett has shown himself quite adept in this line. To secure the desired result, Mr. Prickett has used extreme cases and also figured illogically.

Mr. Prickett compares the Nebraska cow, La May with Eminent's Bess. La May, of course, is one of the good cows of the Holstein Friesian breed, but not the best—she ranks ninth in milk production and about twenty-fifth in butter fat production. Eminent's Bess, on the other hand, is the champion cow of the Jersey breed. Mr. Prickett does not call attention to this difference in rank. His open ing paragraph is this:

"Nebraska's new champion Holstein cow, La May, which is being so widely exploited by the Nebraska College of Agriculture from a profit standpoint, gives an excellent opportunity of showing how she compares in this direction with Eminent's Bess, a Royroft Farm Jersey, and the comparison will be of much interest to the man who is just starting in with cows and is undecided as to which breed to select, as well as to the dairyman who is in the business for profit, for all there is in it."

The above remark is plainly unfair, for a single instance can never establish a rule, as Mr. Prichett would have the man, who is just starting in, believe. Then again, La May is not a fair representative of the Holstein-Friesian breed, as she had an abnormally low test. From 26,660.20 lbs. milk she made but 773.49 lbs. butter fat, thus testing but 2.90% fat. Eminent's Bess made 962.82 lbs. fat from 18,782.97 lbs. milk, testing 5.126. It must be plain to anyone that figuring on the basis of butterfat, the Jersey cow will show considerably the most profit. Mr. Prickett brought this out, which is right, but then he endeavors to show that from the basis of milk production, the product of Emment's Bess is worth $306.34 more than that of La May. To quote the paragraph:

"For Emminent's Bess the average per cent of fat in the milk was 5.126; for La May, the figures are not given by the Nebraska Agricultural College, but the statement is made that the milk was sold at 10 cents per quart after it had been standardized to contain 3 per cent of fat to comply with the state dairy laws, and at the price it brought $1,201.55. Milk sells on the basis of butterfat, whether to the creamery, the condensary, or the wholesale dealer, hence if the 3 per cent Holstein milk is given a value of 10 cents a quart, the 5.126 per cent Jersey milk has a value of 17 cents, and the 18,782 lbs. a value of $1,446.42, making a difference of $306.34 in the value of the milk for the year in favor of the Jersey cow."

Mr. Prickett's figuring in this case is preposterous. In the first place milk does not retail on the butterfat basis and then his deductions are false because he gives no value whatever to the milk as such. A quart of the Jersey milk contains 2.2% (1/23 of a pound) more fat than the Holstein milk. Mr. Prickett gives this 1/23 of a pound fat a value of 7 cents, making a pound of fat worth $1.61—a pretty good price. The Nebraska col lege figures the fat worth 30 cents a pound. On this basis, the Jersey milk would retail for 11.3 cents per quart and the total production would bring approximately $1,061 against the Holstein's $1,201. We would call to Mr. Prickett's attention the fact that milk, itself, has a value and that if 3% milk is worth 10 cents, 6% milk is not worth 20 cents. We would also call to his attention the fact that if La May had been pitted against the Jersey which stands twenty-fifth in rank for butter fat production (with less than 700 lbs.) or if Eminent's Bess had been pitted against the champion Holstein, Banostine Belle De Kol with 1058.34 lbs. butter fat, the comparison would not have been nearly so favorable for the Jersey.

In your next article, Mr. Prickett, use cases that are comparable, also try and figure logically.

———o———

The Tri-County Breeders' Sale

The Second Annual Spring Sale of the Tri-County Holstein-Friesian Breeders' Association was held at Sidney, N. Y., May 20-21, 1914 under the management of the L. S. & P. Co. of Liverpool, N. Y. The conditions were favorable and the arrangements of the best. Kelly and Haeger were in the box.

One Hundred and Eighty head brought $46,890, an average of $260.-50. It is probable that the average was cut down somewhat from the fact that only four of the consignments had been subjected to the tuberculin test. Regardless of our own opinions concerning the desirability of the test so long as the laws of the various states remain as they are, highest prices cannot be expected unless the animals are guaranteed free from tuberculosis.

There were thirteen consigners and 57 purchasers. The highest price was paid by Clark & Smith of Honesdale, Pa. $3,000, for a young son of King of the Pontiacs and out of Irene Fayne, a 27-lb. senior four-year-old daughter

of King Fayne Segis. He was consigned by Dunham Brothers of Bainbridge, N. Y. Another member of this consignment passed the One Thousand Dollar mark. This was Allenvail Pietje Hengerveld, a daughter of King of the Pontiacs. She was purdhased by Otto L. Ives of Guilford, N. Y. at $1025.

Three head from the consignment of Stevens Brothers Co. passed the One Thousand Dollar mark. King of the Pontiacs 20th was taken by R. A. Monroe of Liberty, N. Y., at $1025. A yearling daughter of King of the Pontiacs, K. P. Walker Altoana, went to Otto L. Ives at $1,200. A daughter of Joe Gelsche De Kol Burke, Dilly Prill (28.62), was secured by E. E. Risley of Walton, N. Y. for $1,300.

Following is a list of the purchasers who took more than one animal, giving number purchased and total price:

Every Brothers	5	$1190
E. E. Risley	14	4265
C. H. Hamlin	2	440
R. A. Monroe	3	1475
M. N. Tobey	6	1275
H. H. Van Cott	3	760
O. E. Parks	2	430
H. M. Dunham	14	4185
C. W. Ireland Co.	2	475
J. D. Bristol	3	830
Ward Loomis	4	1285
Stevens Bros. Co.	13	3270
J. C. Robison	9	1070
C. T. Wallin	3	375
Otto L. Ives	5	3145
C. P. Schoonmaker	2	425
J. D. Shea	5	1540
Fred Neidlinger	2	500
B. H. Decker	3	720
C. C. Gould	4	755
C. L. Hall	2	375
Ira E. Fitzgerald	4	585
J. H. Vandervort	6	1360
R. E. Gibbs	3	695
Thos. E. Halbert	4	630
G. Smith & Sons	5	1940
B. S. Gifford	4	845
A. L. Goodrich	5	960
Ralph Corbin	2	365
G. H. Truckell	3	405
T. B. Clark	4	960
Robt. S. Marshman	2	285
J. C. Young	4	455
B. E. Totten	5	890

Other purchasers were: H. C. Scott, J. L. Ford, Clark & Smith, Herbert P. Smith, C. S. Roe, Austin Barney, Seeley Stevens, G. T. Every, Fred Pomery, E. A. Olmstead, R. A. Palmer & John Wolf, Jack Peckam, Ansel Sergeant, F. H. Wilcox, W. M. Backus, A. W. Cook, A. L. Shelton, Geo. O. Waterman, Eugene De Forest, Harrison L. Beatty, W. B. Hanford, Fred W. Tyler, R. W. Siver.

OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS

(Continued from page 690.)

Segis Korndyke Pledge 150730, J. A. Stanton & Son	459.9	3.81	17.529
Thirty-day record	1912.7	3.84	73.522
Clover Leaf Johanna De Kol 142942, C. V. Town	505.9	3.44	17.426
Boon Beauty Segis 140295, J. W. Vaughan	425.5	3.82	16.246
Korndyke Fay 2nd 149082, Woodcock Bros.	464.5	3.48	16.168
Pauline Pacha De Witt 156639, J. N. Woodard	404.2	3.99	16.142
Trixy Eveleen Lockhart 144864, J. L. Phelps	471.8	3.33	15.693
Thirty-day record	1940.3	3.21	62.358
Lady Jasamine De Kol Korndyke 176341, W. E. Knight	436.9	3.56	15.547
Aaltje Salo Netherland Mechthilde 152063, Rust Bros.	411.9	3.69	15.198
Piebe Oak Wickfield De Kol 152622, Max A. Witte,	434.0	3.37	14.617
Fifteen-day record	903.6	3.39	30.613
Segis Inka Hark De Kol 2nd 144883, A. M. Wright	435.7	3.21	13.984
Clothilde Queen Pontiac 153595, C. A. Backus	420.5	3.32	13.943
K. P. Frenesta 139963, Stevens Bros. Co.	351.6	3.94	13.847
Alma Calamity Spofford 136921, H. B. Favill	428.8	3.19	13.696
Korndyke Zora De Kol 140659, John Bradley	489.6	2.80	13.686
Starucca Bright De Kol 2nd 151327, Woodcock Bros.	418.7	3.22	13.503
Aaltje Salo Hildegard 4th 158702, Rust Bros.	348.6	3.75	13.082
Kuperus Hengerveld Buckeye 173063, H. C. Gates	361.0	3.26	11.751
Ota De Kol Segis 166426, C. P. Loren	342.6	3.08	10.542
JUNIOR THREE-YEAR CLASS			
Lockhart Lilith 161538, Eugene La Munion	482.0	5.02	24.204
Thirty-day record	2137.4	4.26	91.182
Daisy Maid Aaggie 2d 159970, W. D. Robens	494.0	4.08	20.149
Wellsland Wayne 148937, Salmon Bros	441.5	4.28	18.899
Jessie Pontiac Korndyke 168612, F. B. & W. P. Sprague	500.0	3.53	17.653
Pauline Ideal Beets 175507, H. D. Weller & Son	452.7	3.76	17.026
Ypsiland Virginia Segis 151964, Cole Bros. Co.	439.2	3.72	16.321
Salina Beauty Jewel Perfection 2nd 162841, H. J. Gehringer	462.2	3.50	16.186
Sweetheart De Kol Posch 161235, N. V. Lasher	458.9	3.48	15.960
Woodmont Gelsche Rose 149860, H. C. Wood	384.4	4.12	15.837
Kate Canary De Kol 148340, John Snyder	388.9	3.91	15.212
Fourteen-day record	742.2	3.97	29.440
Fairview Nig De Kol Johanna 168779, E. H. Dollar	387.0	3.75	14.517
Lady Pietertje Pontiac 153595, C. A. Backus	415.2	3.45	14.316
Mathilde Segis De Kol 160909, Max A. White	380.1	3.71	14.087
Canary Duchess Piebe 163088, W. A. Matteson	468.8	3.00	14.071
Thirty-day record	1903.7	3.00	57.173
Spring Farm Korndyke Jean 163925, F. M. Jones	378.5	3.71	14.054
Valley View Pietje Nig 170300, Wm. Buddenhagen & Son	469.5	2.98	13.981
Joanna Pietertje Ykema 146408, Leslie J. Salmon	345.5	3.99	13.777
Madam Kay of Fine View 139919, A. M. Wright	485.5	2.80	13.573
Rofina Oatka Canary 148334, John Snyder	385.8	3.40	13.127
Fourteen-day record	774.2	3.32	25.739
Friedricka Maike De Kol 169686, R. E. Chapin	371.0	3.23	11.981
Queenie De Kol Clothilde Princess 156036, Chas. L. Gros	304.5	3.43	11.671
Bessie De Kol Abbekerk 2nd 170390, W. R. Gates	306.1	3.43	10.506
Nerissia Houwtje Cornucopia 162842, H. J. Gehringer	286.3	3.52	10.091
Duchess Clothilde Antje 2nd 159118, A. W. Roel	292.4	3.27	9.560
SENIOR TWO-YEAR CLASS			
Cleopatra Constantyn 162469, H. M. Dunham & Son	477.3	3.72	17.768
Beatrice Fayne Segis 181947, Cole Bros. Co.	402.7	4.11	16.541
Hattie Veeman Pontiac 169912, W. D. Robens	403.4	3.98	16.064
Masterpiece Ormsby Queen 163121, W. A. Matteson	527.0	3.00	15.786
Thirty-day record	2221.0	2.85	63.375
Empress Segis Rauwerd 206781, W. B. Barney & Sons	252.3	6.25	15.778
Elmwood De Kol Korndyke 2d 172571, A. B. Miles	492.7	3.19	15.692
Thirty-day record	1966.5	3.14	61.771
Canary Friend 163125, W. A. Matteson	449.5	3.44	15.448
Thirty-day record	1891.0	3.32	62.797
Princess Korndyke Pearl De Kol 2nd 218438, E. H. Dollar	356.0	4.24	15.110
Sulphur Springs Pride De Haan 174503, J. A. Fuggle	401.5	3.66	14.676
Jennie Lilu of Sunrise 177012, A. M. Sabine	390.6	3.67	14.350
Lady Frisia Cornucopia 233107, Brown Bros.	345.6	4.08	14.111
Viscount Jessie Jewel De Kol 178014, Jacob S. Brill	400.8	3.46	13.882
Lyons Lady Valentine De Kol 165006, F. R. Allen	411.1	3.35	13.791
Snoua Pietertje Onyx 2nd 173614, C. F. Hunt	377.7	3.62	13.678
Flora Artis Belle Walker 153478, A. B. Miles	410.2	3.32	13.615
Thirty-day record	1741.9	3.22	56.141
Pledge Clothilde Houwtje De Kol 164984, F. A. Campbell	425.4	3.19	13.584
Beaver Creek Pontiac Burke 185137, John Bradley	424.3	2.97	12.617
Queen Aaggie De Kol 2nd 160982, Woodcock Bros	313.9	4.01	12.592
Jessie De Kol Paul 167396, W. R. Gates	344.3	3.61	12.459
Fourteen-day record	657.0	3.67	24.140
Up to Date Daisy De Kol Vale 174496, J. Worthington	330.4	3.75	12.399
Pauline of Grayfields 158148, Henry Gray & Son	303.3	4.02	12.183
Jarie Alice 2d 154551, J. M. Risley	301.9	3.99	12.051
Pearl Pietertje of Meadowview 156785, Woodcocck Bros.	315.4	3.80	12.005
Twenty-one-day record	913.6	3.51	32.062
Belle Maid Korndyke 178749, Albin R. Pfau	387.5	3.09	11.990
Pontiac Hobby 158854, R. E. Chapin	294.1	4.03	11.842
Duchess Pontiac Johanna 179261, Backus Bros	319.2	3.67	11.714
Katrinka Boreas 169950, G. T. Tuckerman	306.4	3.61	11.066
Princess Woodbury Koningin 154469, C. B. McCanna	301.6	3.48	10.494
Queen Foekje De Kol 157438, Woodcock Bros.	306.6	3.28	10.053
Fanny De Kol Piebe 2nd 176409, John W. Rolsma	284.3	3.45	9.885
Josephine Fobes 2d 182933, W. D. McGill	332.8	2.96	9.853
Frontier Concordia Korndyke 171108, Woodcock Bros.	308.8	3.15	9.731
Piebe Melchior Clothilde 182032, W. D. McGill	291.8	3.27	9.532
Hulda De Kol Mutual Pauline 3rd 157943, Zeitler & Wenrick	314.1	2.87	9.035
JUNIOR TWO-YEAR CLASS			
Emma Veeman Pontiac 190747, W. D. Robens	353.2	5.03	17.780
Speckle Pietje 226307, A. C. Hardy	364.4	4.19	15.281
Butter Boy Empress 181287, H. C. Wood	405.8	3.73	15.134
Ormsby August Wit 185567, H. B. Favill	[illegible]	3.76	14.850
Fourteen-day record	751.2	3.84	28.847
Westside Aaggie Prescott Beauty 2nd 195337, John M. Howard	306.1	4.69	14.346
Sylvia Spofford 192951, A. F. Blakeman	355.0	4.00	14.194
Ramona Hengerveld 181823, Melvin & Godfrey	417.8	3.37	14.062
Fairview Nora Korndyke 203572, E. H. Dollar	323.6	4.33	14.017
Pabst Pontiac Brookside 169494, Fred Pabst	323.7	4.26	13.804
Ypsiland Wanita Pontiac 169609, Cole Bros. Co.	381.5	3.60	13.718
Belle Pledge Clothilde 2nd 231685, H. W. Campbell	383.1	3.43	13.154
Bessie of Grayfields 172608, Henry Gray & Son	342.4	3.80	13.025
Fairview Pontiac Hesione 203565, E. H. Dollar	268.7	4.63	12.450
Rilma Pauline De Kol 2nd 191317, J. W. Foote	308.7	4.03	12.435

THE LAKE MILLS SALE

BULLS

North Star Griselda Sir Beets, Everson Brothers, Lake Mills $200
Bride De Kol Beets of Bonnie Meade, O. E. Sette, Juneau, Wis. 115
Canary Sir Johanna of Bonnie Meade, John Bradley, Randolph, Wis. 130
Sir Johanna Queen of Bonnie Meade, M. E. Hoffman 60
Sir Maggie Beets of Bonnie Meade, O. H. Hanson, Cambridge, Wis. 85
Sir Star Beets De Kol of Bonnie Meade, O. H. Hanson 70
Canary Bride Lad of Bonnie Meade, E. T. Carroll, Genesee Depot, Wis. 125
Meg Sir Beets of Bonnie Meade, O. H. Hanson 50
Sir Alcartra Beets of Bonnie Meade, Ed. Haeger, Fort Atkinson, Wis. 55
Sir Columbiana Beets of Bonnie Meade, Kirkpatrick Brothers, Limeridge, Wis. 75
Sir Canary Aaggie Beets of Bonnie Meade, 1913, Kirkpatrick Brothers 90
De Kol Mag Sir Beets of Bonnie Meade, S. C. Cushman, Wyocena, Wis. 120
Sir Aaggie Johanna of Bonnie Meade, O. H. Hanson 135
Sir Korndyke Clothilde of Bonnie Meade, W. Tasher, Mt. Vernon, Wis. 135
Sir Johanna Canary Prilly Segis, Cash Faville, Lake Mills, Wis. 85
No. 59, O. H. Hanson 80
No. 60, Kirkpatrick Brothers. 85
Ideal De Kol of Rock, J. C. Wilton, Eagle, Wis. 270
Pietertje Parthenea Segis, D. E. Vanderhof, Wold, Wis. 160
King Bess of Rock, Houslet & McNutt, Oxford, Wis. 1,025
Westside King Crissie, F. Punzel, Fort Atkinson, Wis. 150
No. 97, Herman J. Schafer, Johnson Creek, Wis. 105

FEMALES

Dean Alcartra Clothilde Sis, F. Burbach, Randolph, Wis. 175
Belle Empress Columbiana Mattie, S. F. Guttenstein, Milwaukee, Wis. 105
Canary Maggie of Bonnie Meade, D. W. Pardee, Eagle, Wis. 150
Wisconsin Bride Salo, M. E. Hoffman, Bassett, Wis. 175
Belle Columbiana De Kol Maid, Cash Faville 65
Canary Columbiana of Bonnie Meade, M. E. Hoffman 200
Belle Empress 2d's Beauty Queen, S. F. Guttenstein 180
Bull calf, Henry Anthes, Jefferson, Wis. 70
Columbiana Johanna De Kol Mag. M. E. Hoffman .200
Canary Van Beers of Bonnie Meade, G. B. Van Alstein, Jr., Medina, Wis. 275
Canary Clothilde, S. F. Guttenstein 190
Canary Clothilde of Bonnie Meade 3d, H. W. Jones, Salem, Oregon 305
Alcartra Clothilde of Bonnie Meade, John Voss, Elkhorn, Wis. 265

Edith Mobray Mutual 190058, Adrian Harter	398.8	3.09	12.332
Korndyke Alma Clothilde 204332, A. M. Sobine	334.6	3.68	12.327
Gelsche Boon Pietertje Girl 204331, A. M. Sobine	375.5	3.20	12.324
Woodmont Princess Belle 181286, H. C. Wood	333.5	3.68	12.261
Climax Canary 186464, John Snyder	284.7	4.29	12.200
Maple Lodge Vale 196183, John Walsh	349.0	3.49	12.199
Courtland Pontiac Bess 193875, John Bradley	350.1	3.44	12.045
Mutual Friend Annie Rooney 183558, John Walsh	303.8	3.96	12.023
Pansy Pietertje Pontiac 191100, G. T. Tuckerman	290.2	4.01	11.625
Boralevo Walker Pietertje Neoma 162524, R. E. Chapin	329.7	3.45	11.387
Maplewood Lulu Pietertje 197832, Markley Bros.	301.4	3.76	11.330
Westside Ladoga Idaline 3rd 196956, J. M. Howard	296.8	3.80	11.276
Morona Helena Burke 2nd 185566, H. B. Favill	298.0	3.73	11.124
Fourteen-day record	568.6	3.74	21.254
Lillie Korndyke Hengerveld Ormsby 197188, Harvest Farms Co.	294.4	3.75	11.053
Pearl La Polka Netherland 184562, Woodcock Bros.	284.0	3.89	11.051
Flora Pontiac Beets 198818, S. G. Thomas	275.3	3.99	11.007
Gladys De Kol Walker 175838, J. M. Risley	283.5	3.85	10.920
Pearl Canary Ormsby 173972, Mielenz Dairy & Prod. Co.	333.3	3.20	10.669
Bonnie Myrtle Clothilde Grant 175742, N. V. Lasher	288.9	3.67	10.605
Gelsche Segis Colantha 189565, A. A. Hartshorn Holstein Co.	333.6	3.17	10.587
May Queen Segis 195658, Henry Anthes	273.0	3.75	10.232
Lily Castine Korndyke 195656, Henry Anthes	341.9	2.95	10.069
Buttercrest Beets De Kol 173690, J. M. Risley	295.9	3.39	10.046
Pet Pride Rooney 191552, W. D Robens	335.0	3.00	10.034
Lady Witkop Pontiac 202398, C. P. Loren	302.0	3.29	9.923
Royal Mooie de Haan Korndyke 193976, E. H. Dollar	272.0	3.57	9.711
Johan Netherland Belle 168320, Jas. Couzens	285.8	3.37	9.644
Frontier Dione Korndyke 183704, Woodcock Bros.	274.8	3.51	9.636
Mutual Piebe Netherland 195655, Henry Anthes	311.9	3.00	9.361
Woodmont Duchess Onyx 182141, H. C. Wood	260.2	3.59	9.354
Clothilde Pontiac Siss 184107, Woodcock Bros.	241.4	3.86	9.319
Emmalie Mutual 189116, Adrian Harter	295.3	3.16	9.317
Maplewood Fannie Pietertje 197831, Markley Bros.	275.6	3.38	9.313
Ormsby Clementine Bonheur 185568, H. B. Favill	214.7	4.29	9.201
Perkinsdale Alma De Kol 198336, H. Perkins & Son	265.1	3.41	9.036
White Lily Artis Piersma 177373, J. M. Risley	277.0	3.25	9.027
Mutual Portia Segis 195659, Henry Anthes	252.7	3.54	8.941
De Kol Paul King Netherland Flema 3d, 191548, J. M. Risley	229.3	3.90	8.933
De Kol Burke 202395, C. P. Loren	339.9	2.57	8.733
Lillie Ormsby of Beechwood 209368, J. W. Worthington	260.2	3.34	8.696
Copia Hengerveld Pledge 185783, Archie Reid, Jr.	288.1	3.00	8.636
Fairview Yongi Korndyke 2nd 203570, E. H. Dollar	249.7	3.44	8.580
Hilda Pontiac De Kol 184108, Woodcock Bros.	264.7	3.19	8.442
Tritomia Vale Concordia 187283, H. B. Favill	268.4	3.11	8.356
Noma Concordia De Kol 177531, Zeitler & Wenrick	275.7	2.88	7.956
Mary Rag Apple Korndyke 186435, Archie Reid, Jr.	266.6	2.97	7.915
Lady Alexander Pontiac 178848, Archie Reid, Jr.	256.0	3.08	7.890

264 COWS APRIL 22 TO 23, 1914.

FULL AGED CLASS

Moonlight Cornucopia Pietertje 115497, M. J. McPherson	556.1	4.83	26.893
Thirty-day record	2615.7	3.99	104.626
Johanna Perfection 101845, Fred E. Wells	630.9	3.86	97.014
Thirty-day record	2539.1	3.82	97.014
Iva De Kol 93248, Franklin Wood	705.1	3.40	24.109
Thirty-day record	2841.4	3.52	100.064
Maggie Artis Maplecroft Paul 2d 122002, Murphy & Gillette	483.3	4.89	23.652
Pansy Aaggie Queen 113664, Harry Yates	604.6	3.71	22.435
Fifteen-day record	1267.0	3.68	46.706
Quintavia Cornucopia 123290, Harry Yates	493.5	4.48	22.101
Westside Aaggie Prescott 12000, H. Stevens & Son	586.5	3.83	21.808
Thirty-day record	2413.7	3.53	86.068
Colantha Jewel Mercedes 92714, S. B. & F. D. Van Buskirk	551.6	3.92	21.612
Posch Pride Netherland 91087, John Peeters, Jr.	572.3	3.67	20.979
Houwtje Queen of Forester 96876, George Weyeneth	635.9	3.27	20.814
Rickland Posch 123201, John Peeters, Jr.	594.8	3.42	20.350
Alice Roosevelt 2nd Lady 125095, T. B. Clark	618.8	3.24	20.024
Janie Maida De Kol 100895, Fay & Cloyes	444.0	4.45	19.780
Queen Minkie De Vries Kuperus 121693, A. M. Ryder	553.4	3.47	19.237
Bess Korndyke 109598, J. H. Hulbert, Jr.	541.9	3.53	19.166
Prospect De Kol 2nd 111755, W. Krause	560.5	3.37	18.922
Auke Ormsby De Kol 117942, Frank B. Fargo	476.2	3.83	18.231
Bona Lady Rue 86317, University of Illinois	490.6	3.63	17.815
Sherango Maid De Kol 109800, F. A. Walworth	575.3	3.07	17.716
Pearl Dinkje Johanna 79280, E. G. Muckelston	414.9	4.27	17.700
Austinburg Natalie 2nd 119913, Corkwell & Best	474.4	3.69	17.528
Polly Nichols De Kol 100061, David Coleman	501.1	3.45	17.300
Naiad Echo De Kol Lady 2nd 147388, C. O. Pelton & Sons	379.7	4.56	17.297
Fourteen-day record	748.5	4.25	31.815
Cora of the Valley 2d De Kol 129508, The Wallace Holstein Co.	416.8	4.07	17.004
Malta Lady 93775, R. K. Wrigglesworth	501.3	3.39	16.999
Bertie Piebe De Kol 85938, E. G. Muckleston	512.4	3.29	16.856
Beauty Fobes De Kol 112452, W. W. Bird	447.3	3.70	16.593
Vale Hamilton Sadie 78508, Sam Werren	431.3	3.82	16.508
Fifteen-day record	961.6	3.62	34.850
Jennie De Kol Veeman Wayne 118532, Peter Small	480.0	3.43	16.464
Twenty-one-day record	1258.2	3.36	42.334
Aaggie Segis De Kol Queen 103056, F. D. Markham	474.1	3.46	16.395
Fourteen-day record	944.8	3.34	31.583
Marydale Concordia 112283, Chas. E. Campbell	495.1	3.30	16.322
Dorinda Princess 2nd 80122, S. H. Mann	415.5	3.92	16.305
Aaltje Salo Mechthilde 91270, L. E. Moh	449.3	3.63	16.299
Ladoga Sora Paul De Kol 70382, F. B. & W. P. Sprague	451.2	3.60	16.262
Mollie Pietertje De Kol Paul 2d 96885, S. W. Faville	495.3	3.26	16.192
Speckie of Waterford 2nd 117690, Clarence Wood	498.2	3.25	16.177
Pet Concorde 2d 79453, Peter Small	466.7	3.45	16.136
Winana Molly 109134, T. B. Clark	425.0	3.70	15.734
Vernon Queen 104848, Fred Pabst	481.0	3.25	15.651
Lady Clothilde Johanna 106787, University of Illinois	525.5	2.97	15.633
Pride of Gustavus 100993, Erwin Zwinck	393.7	3.95	15.568
Maid Wickfield Duchess Gem 145701, A. M. Chrislaw	435.0	3.57	15.528
Muriel De Kol Lyons 69249, S. H. Mann	509.0	3.05	15.510
Heroine De Kol Korndyke 96310, H. D. Weller & Son	504.7	3.07	15.471
Lady Postma 2nd D. 73827, C. F. Greenwood	367.2	4.19	15.383
Piebe De Cola De Kol 168058, E. G. Muckleston	489.8	3.12	15.290
Clothilde De Kol Butter Girl 144759, D. C. Markham	489.3	3.11	15.205

Clothilde Beets of Bonnie Meade, F. J. Bristol & Sons' Co., Oakfield, Wis. 130
Mattie Beets of Bonnie Meade, John Lynard, Owatonna, Minn. 130
Canary Columbiana 2d of Bonnie Meade, John Lynard 170
Canary Ormsby of Bonnie Meade 2d, S. F. Guttenstein 295
Canary Columbiana of Bonnie Meade 2nd, Houslet & McNutt, Oxford 75
Canary Alcartra of Bonnie Meade, H. W. Jones 300
Canary Maggie of Bonnie Meade 2d, F. S. Englestad, Cambridge, Wis. 290
Alcartra Aaggie Johanna De Kol, G. B. Van Alstein, Jr. 225
Empress De Kol of Bonnie Meade 2d, S. F. Guttenstein 295
Belle Ormsby of Bonnie Meade, H. W. Jones 240
Daisy De Kol of Bonnie Meade, H. W. Jones 215
Canary Van Beers of Bonnie Meade 3d, H. W. Jones 205
Canary Maggie De Kol of Bonnie Meade, H. E. Ward, Salem, Oregon 240
Canary Empress of Bonnie Meade 2d, H. W. Jones 220
Canary Columbiana of Bonnie Meade 3d, H. W. Jones 255
Belle Empress Meg of Bonnie Meade, H. W. Jones 215
Beauty Beets of Bonnie Meade, Pierce Brothers, Monticello, Wis. 185
Johanna De Kol of Bonnie Meade, Ed. Hager, Fort. Atkinson, Wis. 175
Belle Beets of Bonnie Meade, F. J. Bristol, Oakfield, Wis. 145
Empress Johanna of Bonnie Meade, H. W. Jones 185
Belle Empress Johanna De Kol, Pierce Brothers 265
Lady Reka Mooie 4th, Everson Bros., Lake Mills, Wis. 530
Johanna Prilly Segis Mercedes, O. H. Hanson, Cambridge 160
Johanna Clothilde 3d's Canary, Warren Hover, Goshen, Ind. 500
Flora Spring De Kol 2d, Earl Pierce, Elkhorn, Wis. 255
Queen De Kol Rosa Bonheur, G. B. Van Alstein, Jr. 245
Heifer calf, F. J. Bristol, Oakfield, Wis. 125
Jessie De Kol Paul, Fred Usinger, Milwaukee, Wis. 410
Abbie Netherland De Kol, John Carter, Juda, Wis. 245
Mutual Lady Burke of Rock, C. J. Ward, Fort Atkinson, Wis. 200
Mutual Colantha of Rock, John G. Voss 235
Mutual Sadie of Rock, Everson Bros. 220
Mutual Queen Segis, F. J. Bristol & Son 200
Mutual Floa of Rock, F. J. Bristol & Son 180
Mutual Beinmkje of Rock, F. J. Bristol & Son 205
Mutual Mechthilde of Rock, F. J. Bristol & Son 170
Miami Mink Pontiac of Rock, F. J. Bristol & Son 310
Houwtje Akkrum Korndyke, E. W. Van Buren, Waukesha, Wis. 170

Boutsje Pauline Houwtje 81227, J. F. Denham	396.6	3.81	15.148
Trela Goudgeld Clothilde 104700, Tanner & Tooke	451.6	3.35	15.107
Clothilde De Kol Butter Girl 2nd 144760, D. Markham	448.2	3.34	14.977
Fourteen-day record	873.3	3.30	28.855
Marie Daw Aaggie Wayne 69019, F. A. Phillips	451.5	3.31	14.938
Hengerveld Pontiac Belle 98626, F. D. Markham	472.7	3.15	14.910
Joukje Artis De Kol Soldene 77962, Rich. T. Eastman	452.8	3.26	14.803
Clothilde Pansy 104220, F. A. Walworth	566.0	2.60	14.711
Pietertje Tietje Beryl Wayne 86909, Leon J. Drew	480.6	3.05	14.641
Katie Hengerveld De Kol 114327, H. W. Campbell	530.3	2.75	14.582
Fourteen-day record	1007.0	2.68	27.029
Kekke Belle Pietertje De Kol 2d 99549, Franklin Wood	348.9	4.18	14.572
Cedarcrest De Kol Johanna 125186, Frank Darrah	407.5	3.54	14.457
Star Boon Cornucpia 110275, Earl R. Howell	432.4	3.31	14.320
Popo Fobes Mutual 149331, Orian Harter	454.8	3.14	14.278
Nellie Hengerveld Lilith 122224, E. B. Bergen	374.6	3.78	14.150
Sebring Adelia Belle 114919, Sam Werren	477.9	2.96	14.135
Thirty-day record	1867.9	3.11	58.139
Meta of Greene Farm 76168, Carlton S. Ellis	380.5	3.71	14.112
Woodcrest Alta 91931, W. S. Hinchey	433.9	3.25	14.111
Midlummer Clothilde De Kol 81175, Alstin William Roel	424.2	3.32	14.093
Hulda De Kol Mutual Pauline 74947, Zeitler & Wernick	438.6	3.20	14.062
Coloma Fairmont Johanna 91906, Dudley E. Waters	376.3	3.69	13.903
Imperial Hill Side De Kol 79037, Stanley A. Webster	463.3	2.98	13.851
Pietertje Hengerveld Nemesis 102122, Austin Wm. Roel	440.5	3.13	13.802
Ruffina Jewel Ormsby 131124, Frank Darrah	382.2	3.58	13.679
Piebe Laura Inka De Kol 2nd 125848, Max A. Witte	399.5	3.42	13.645
Valusia Mutual De Kol 127931, Frank Darrah	366.3	3.67	13.449
Myrtle Pledge Onyx De Kol 136402, Harry W. Campbell	440.4	3.05	13.447
Duchess Clothilde Evertje 102128, A. W. Roel	414.7	3.24	13.428
Comfort Pietertje 64149, J. H. Hulbert, Jr.	390.4	3.39	13.246
Ruth Lyons Mercedes 147683, G. C. Hawkins	441.2	2.96	13.090
Theresa De Kol Beauty Hengerveld 92492, W. W. Bird	411.4	3.15	12.972
Decker Johanna Becky 94278, E. F. Sturgis	445.5	2.90	12.956
De Kol Grace Inka 93089, Sam Werren	295.9	4.20	12.419
Starky Maid Pietertje 101162, J. L. Baltz	380.7	3.18	12.112
SENIOR FOUR-YEAR CLASS			
May Dinkje van Beers 131775, E. G. Muckleston	468.7	3.83	17.949
Canary Blue Bell Spofford 139073, R. B. Melvin	452.6	3.82	17.299
Cary Roy 5th 122074, W. Krause	479.0	3.54	17.000
Fifteen-day record	1062.5	3.38	35.920
Englewood van Beers De Kol 148963, E. G. Muckleston	438.6	3.81	16.729
Gladice Boon De Kol 2d Lass 131030, Earl Sternberg	439.1	3.61	15.838
Miss Madrigal 122621, R. P. Ames	452.7	3.42	15.468
Gladys Piebe De Kol 130680, W. R. Gates	415.8	3.67	15.267
Sarcastic Aaggie 2nd 144970, Harvest Farms Co.	416.4	3.63	15.095
Winana Beets Ormsby 116826, T. B. Clark	467.0	3.23	15.073
Nancy Pauline Posch 2nd 137400,	395.2	3.26	12.907
Lady Korndyke Colanthus De Kol 2d 132610, J. Meteer	348.0	3.63	12.650
Irene Albino 124461, Sam Werren	340.1	3.70	12.611
Bessie Jewel 2nd 129839, Frank Darrah	292.0	4.27	12.461
Johanna Como Colantha 128376, Geo. J. Schuster	412.6	3.01	12.431
JUNIOR FOUR-YEAR OLD			
Butter Boy Segis Lady 143579, Beach & Wirt	432.7	5.24	22.708
Rith Illustrites 138741, Todd & Sons	575.9	3.81	21.933
Thirty-day record	2531.5	3.43	86.819
Plain View Alma Coin La Polka 134052, Imig Bros.	517.9	3.68	19.056
Plain View Alma Coin 134053, Imig Bros.	566.1	3.34	18.921
Carmen Pet De Kol 3rd 135736, R. P. Ames	497.4	3.76	18.715
College Stella Canary 149342, Michigan Agr. College	496.0	3.73	18.499
Marguerite Pietertje Hartog 143759, E. E. Sturgis	507.4	3.54	17.983
Vadora Mercedes Princess 2nd 142345, Murphy & Gillette	408.6	4.33	17.708
Woodland Charm 2nd 139315, Harry Yates	447.0	3.86	17.265
Miss Maud Lyons Segis 137818, R. B. Melvin	435.8	3.88	16.890
Maid Ormsby Mutual 155116, F. D. Markham	461.2	3.61	16.636
Paul Jay 130537, Parker Bros	369.8	4.45	16.453
Kalma Posch De Kol 124008, Est. H. G. Whitney	479.1	3.36	16.091
Flora B. Hengerveld 3rd 146396, T. B. Clark	466.3	3.45	16.084
Pamatuning Olga 141096, F. A. Walworth	547.2	2.94	16.065
Rockland Pride Posch 137384, John Peeters, Jr.	495.2	3.14	15.550
Winana Segis Burke 124011, Est. H. G. Whitney	510.1	2.98	15.178
Blondean Blondean Norine Segis 146497, Earl R. Conrnell	546.1	2.70	14.768
Prospect Clothilde 148618, W. Krause	399.4	3.63	14.487
Ruffina De Kol Pontiac 140747, Frank Darrah	360.9	3.95	14.259
Johanna Fairfax De Kol 136065, Mahlon L. Russell	408.6	3.29	13.466
Minkie De Kol Korndyke 136304, Sam Werren	434.3	3.08	13.415
Thirty-day record	1793.3	3.00	53.970
Pietertje Marion Wayne 2nd 129441, George Haller	403.2	3.31	13.381
Clothilde De Kol Butter Girl 4th 150068, D. C. Markham	395.3	3.38	13.348
Ruth Bonanza Veeman 179341, D. W. Wright	372.6	3.43	12.782
Buttercup De Kol Netherland 2nd 126179, R. D. Lee	441.6	2.83	12.506
Miss Bonnie Korndyke 135738, R. P. Ames	347.0	3.40	11.798
Valusia Pontiac De Kol 140749, Frank Darrah	316.9	3.71	11.768
Dimple Lincoln 130516, David Coleman	338.1	3.38	11.454
SENIOR THREE-YEAR CLASS			
Prospect Johanna De Kol 147651, W. Krause	509.3	3.47	17.656
Six Springs Helen De Kol 2d 156116, Hawley H. Sooy	392.4	4.38	17.165
Little Liscomb Ormsby 146209, A. L. Williams	483.4	3.47	16.770
Pamatuning Gretta 141099, F. A. Walworth	575.0	2.85	16.412
Segis Pontiac Butter Girl 144606, J. W. Scott	416.5	3.90	16.282
Judy Rival Aaggie Grace 2d 139072, R. B. Melvin	474.2	3.35	15.883
Pink Pledge Pauline Queen 145396, Floyd R. Shoemaker	483.8	3.16	15.267
Edelwild Queen Pietje 151046, L. E. Moh	461.4	3.27	15.099
Portage Pauline Paul 5th 142545, Geo. J. Schuster	471.4	3.05	14.357
Duchess Griselda 148253, J. W. Sherburne	434.7	3.26	14.170
Pleasant Hill Ormsby 138012, O. W. Wolfe	398.0	3.25	12.917
Houwtje Queen of Forester 3rd 146933, George Weyeneth	424.4	2.81	11.936
Clothilde De Kol Maida 167868, D. C. Markham	388.0	3.03	11.775
Velox Overlooper 2d 142546, Geo. J. Schuster	421.3	2.78	11.723
Mildred Monk De Kol 152122, Hawley H. Sooy	474.3	2.45	11.632
The Highlands Nordica De Kol 148769, W. W. Bird	299.0	3.60	10.775
Pink Pledge Pauline 5th 145397, Floyd R. Shoemaked	366.8	2.84	10.411
JUNIOR THREE-YEAR CLASS			
Anna Lenox De Kol 2nd 153318, Harry Yates	538.1	4.31	23.212
Thirty-day record	2281.4	3.93	89.651
Summit Walker Clothille 149574, Tanner & Tooke	540.6	4.04	21.839
Thirty-day record	2369.6	3.62	85.890
Abbekerk Lady Pontiac 160945, A. L. Williams	388.6	4.78	18.584
Meadow Brook Prrilly Pauline 167625, John C. Sharpe	432.9	4.01	17.384
Lady Netherland Homestead De Kol 167407, E. F. Nichols	472.9	3.65	17.265
Katie Jewel Mercedes 2nd 146033, A. L. Williams	470.2	3.57	16.805
Fourteen-day record	926.1	3.49	32.357
Fineil 4th 153689, Murphy & Gillette	398.3	4.19	16.670

Agnes Akkrum Korndyke, F. J. Bristol, Oakfield, Wis.	185
Lady Belle Jewel 14th, E. W. Van Buren	140
Floa Perfection 2d, Roy Hetts, Fort Atkinson, Wis.	360
Small Hopes Clothildemar, H. W. Jones	220
Mutual Clothilde Lady, H. W. Jones	200
Mutual Flora of Rock, F. J. Bristol & Sons' Company	255
Martha Elgin Pauline, C. J. Ward, Fort Atkinson, Wis.	275
Lady Hengerveld Juliette, J. A. Connell, Waukesha, Wis.	205
Aaggie Cornucopia Beauty De Kol, Earl Pierce	315
Heifer Calf, Fred Usinger	330
Heifer Calf, W. A. Parsons, Fort Atkinson, Wis.	80
Jesse Gem Inka, Houslet & McNutt	1,025
Natsy Lillisdale De Kol, Alvin Noyes, Jefferson, Wis.	235
Westside Zuba, Fred Usinger	410
Heifer Calf, F. J. Bristol	125
Canary Korndyke De Kol of Bonnie Meade, H. W. Jones	185
Inka Ramona Homestead De Kol, Roy Hetts	300
Inka Ramona De Kol 3d, Peter Berg, Lake Mills, Wis.	345
Inka Ramona De Kol, Peter Berg	290
Heifer, C. J. Ward, Ft. Atkinson, Wis.	325

22 males .....$ 3,405; average. $154.77
71 females .... 17,140; average. 241.40
93 head .....20,545; average. 220.91

TESTS IN PROGRESS IN ILLINOIS

The following supervisors are conducting official tests of Holstein-Friesian cows for the breeders named:

Supervisors and Owners.

J. J. Ausen—Hartwood Farm, Barrington.

G. W. Beardsley—Keeley Institute, Dwight.

M. R. Carlson—Woodlawn Farm Co., Sterling.

C. G. Cox—Hawthorne Lake Farm, Barrington.

Earl Garver—M. R. Evans, Hinckley.

C. F. Goodman—Otis Farm Co., Barrington.

J. C. Howser—R. E. Haeger, Algonquin.

C. C. Jensen—August Matthews, Elmhurst.

I. Paley—A. J. Daugherity, Streator.

W. T. Crandall,
In charge of Official Tests.

TESTS IN PROGRESS IN WISCONSIN

The following is a list of supervisors engaged in conducting official tests of Wisconsin Holstein-Friesians with the names of the owners:

Supervisor and Owner.

E. F. Ahlers—John Puls, Hartford.

Edwin Behling—Geo. F. O'Neil, Thiensville.

Oak Side Klara Johanna 167676, E. G. Muckleston	439.0	3.78	16.582
Morsefield Wadmantje Queen 15425, Fred E. Wells	495.0	3.29	16.305
Maida Pauline Count 2nd 151441, Fay & Cloyes	431.7	3.70	15.969
Dora De Vries Kuperus 161976, A. M. Ryder	441.5	3.58	15.843
Nannette Artis De Kol 164168, S. H. Mann	394.7	3.89	15.357
Meadow Brook Prilly Katharine 167629, Wm. B. Hatch	405.8	3.58	14.530
Meadow Brook Prilly Genesta 178234, John C. Sharpe	394.8	3.64	14.380
Winana Butter Boy Girl 151101, Sam Werren	356.0	3.99	14.224
Jaunty Flint Princess 144389, G. B. Warner	385.7	3.67	14.138
Badger Lady Korndyke 162558, W. W. Bird	386.7	3.60	13.911
Meta Hengerveld De Kol 154543, Carlton S. Ellis	373.0	3.66	13.635
Mollie Pietertje Longfield 161097, S. W. Faville	404.4	3.36	13.616
Olga Pauline Pietertje 2d 164054, E. E. Sturgis	429.0	3.14	13.482
Bessie Lyons Cornucopia 173178, Strickland Bros.	327.5	4.11	13.464
Mollie Hartog Netherland 146276, F. C. Whitney	351.5	3.82	13.426
Hengerveld Pontiac Belle 2nd 153909, F. D. Markham	362.8	3.66	13.269
Netta Pauline of Wayside 154966, A. L. Williams	420.3	3.15	13.238
Ellen of Glen Rose 2nd 161090, S. W. Faville	364.0	3.64	13.233
Korndyke Fringe 163201, C. A. Preston	355.4	3.95	12.991
Aaggie Colantha Belle 156902, The Wallace Holstein Co.	401.2	3.14	12.636
Korndyke Lieuwkje 163198, C. A. Preston	372.6	3.36	12.528
Ollie Pierena 158629, Frank Darrah	371.1	3.35	12.420
Dora Ormsby Rose De Kol 158387, J. W. Sherburne	404.4	3.06	12.367
Canary Mercedes Daisy De Kol 2d 158550, R. B. Melvin	33.0	3.70	12.320
Barron Flow De Kol 151962, A. M. Chrislaw	339.5	3.54	12.024
Tessie Bonanza De Kol Veeman 174989, D. W. Wright	358.5	3.35	11.992
Decker Johanna Becky 2d 163605, E. E. Sturgis	364.0	3.11	11.348
Buffalo Anna Johanna 140259, David Coleman	364.1	3.11	11.333
Sadie Wayne Korndyke 161323, L. E. Moh	286.3	3.44	9.871
SENIOR TWO-YEAR CLASS			
Carrie Cole Ormsby 2d 155711, Tanner & Tooke	357.0	4.85	17.299
Johanna Deantha 157219, W. J. Gillett	537.6	3.19	17.168
Lady Denison De Kol 221720, Murphy & Gillette	415.7	4.09	17.009
Hinchey Farm Hartog De Kol 158084, W. S. Hinchey	401.2	3.88	15.564
Hengerveld Pel Ormsby 2d 155714, Tanner & Tooke	355.0	4.38	15.558
Woodward Fayne 158959, Wm. B. Hatch	385.8	3.86	14.910
Segis Cornucopia 158083, W. S. Hinchey	416.2	3.30	13.770
Jeltje Pietertje Ormsby 3rd 177785, O. W. Wolfe	372.5	3.67	13.659
Johanna Pauline Boon 154963, A. L. Williams	365.1	3.70	13.521
Rosetta Clothilde 171205, W. Krause	371.6	3.35	12.460
Belle Pauline of Rush Court 160098, J. W. Sherburne	422.8	2.90	12.257
Goshen Emerald Johanna 183257, Sam Werren	392.3	3.09	12.116
Thirty-ray record	1628.6	3.12	50.738
Esmaralda Blue Bell 169827, F. A. Walworth	449.4	2.63	11.823
Pelham Duchess 166518, Strickland Bros.	289.0	3.97	11.484
Prospect Netherland De Kol 176836, F. C. Whitney	278.8	4.07	11.371
Toitilla De Kol Segis 159870, Strickland Bros.	285.1	3.99	11.363
Kayewood Maud Korndyke 179674, A. P. Kaye	325.7	3.25	10.588
Sadie Cornucopia Roena Hillside 164935, T. B. Clark	281.9	3.60	10.150
Una Clothilde De Kol 168874, Corkwell & Best	270.7	3.40	9.208
JUNIOR TWO-YEAR OLD			
Johanna Carnation 183004, W. J. Gillett	342.8	5.08	17.434
Nellie Veeman Pontiac 190748, W. D. Robens	341.5	4.91	16.968
Ducky Walker Pietertje 191779, Tanner & Tooke	394.3	4.24	16.710
Georgiana Inka Pietertje 170318, Tanner & Tooke	336.6	4.76	16.046
Netherland Segis 4th 200116, G. A. Abbott	360.3	4.41	15.895
Thirty-day record	1657.8	3.82	63.332
K. P. Maplecroft 170014, Fay & Cloyes	423.9	3.64	15.458
Chimacum Pietertje 171810, Colony Farm	412.6	3.67	15.162
Thirty-day record	1881.0	3.26	61.365
Mapleside Juno Belle 185917, S. H. Munsell	396.7	3.68	14.580
Iva De Kol Pontiac Bess 219648, Franklin Wood	339.9	4.23	14.382
Copia Beets Burke 186674, Harvest Farms Co.	352.6	4.07	14.361
North Star Daisy 182090, J. F. Denham	395.6	3.51	13.921
Posch Pietertje Hengerveld Segis 178884, John Peeters, Jr.	396.8	4.05	13.627
Prilly Kuperus Hamilton 177667, O. S. Langworthy	307.3	4.31	13.238
Hartog Walker Maid 191780, Tanner & Tooke	348.1	3.72	12.955
Lady Fytje Beets 190143, F. D. Markham	315.0	4.08	12.847
Owosso Lady Korndyke 198156, C. M. Keks & Son	305.0	4.14	12.629
Fayne De Kol Butter Girl 193229, B. J. French	362.5	3.44	12.470
Longfield Glen Rose 2nd 186557, S. W. Faville	361.2	3.44	12.441
Queen Mercedes Canary 177678, W. F. Schilling	384.6	3.22	12.380
Union De Kol Korndyke 232907, W. J. Witty	331.2	3.71	12.293
Nellie Natsey Hengerveld De Kol 184314, Jas. A. Smith	288.9	4.25	12.268
Twenty-one-day record	808.8	4.36	35.265
Hilldale Pietertje Hengerveld 191493, T. B. Clark	331.7	3.67	12.169
Plain View Johanna Lilith 175577, Imig Bros.	362.3	3.33	12.080
Bairdland Colantha Walker 182956, S. A. Baird & Son	273.5	4.41	12.075
Lucy Lyons Aaltje Salo De Kol 172340, James Meteer	343.9	3.47	11.950
Rosetta Monk Colantha 186133, W. Krause	316.8	2.66	11.593
Quoque Veeman Mooi 173524, J. W. Sherburne	327.8	3.52	11.535
Staunch Inka Beets Pietertje 182508, D. W. Wright	314.2	3.67	11.518
Lyons Cornucopia Butter Girl 195941, Strickland Bros.	289.8	3.97	11.505
Jennie McKinley 232572, Henry Anthes	267.8	4.29	11.478
Jewess Lyons Cornucopia 195940, Strickland Bros.	288.6	3.94	11.380
Aegis Creamelle Fayne 233589, B. T. Royson	298.1	3.81	11.371
Fifteen-day record	592.8	3.83	22.712
Edelwild Pietje Fobes 193224, L. E. Moh	355.7	3.17	11.277
Korndyke Goldbron Fency 182197, C. A. Preston	293.7	3.81	11.187
Judy De Kol Aaggie Grace 3d 184210, R. B. Melvin	279.2	4.00	11.187
Imperial Clothilde Beets 192237, T. B. Clark	294.7	3.79	11.184
Greenwood Claudia Lyons 185582, E. H. Knapp & Son	283.0	3.92	11.104
Pioneer Magie De Kol 187065, R. P. Ames	290.5	3.80	11.053
Albina De Kol Hartog 3rd 183251, J. H Hulbert, Jr.	299.2	3.65	10.935
Pietertje De Kol Promise 3rd 181904, S. W. Cronk	333.1	3.27	10.900
Nancy Pauline Posch 3rd 186020, W. R. Gates	291.8	3.72	10.862
Jeltje Pietertje Ormsby De Kol 199572, O. W. Wolfe	318.9	3.40	10.853
Orchard Grove Flossie Segis 173771, F. D. Markham	348.5	3.11	10.828
Barbara Fytje De Kol Burke 194596, F. D. Markham	348.1	3.08	10.733
Gelschecola Beets 190144, F. D. Markham	271.4	3.92	10.653
Thirty-day record	1074.1	3.81	40.986
Juma Longveld Tina Clay 177153, University of Illinois	285.4	3.73	10.648
Pioneer Oaks Bessie De Kol 196562, R. P. Ames	304.2	3.48	10.607
Houwtje B. P. Houwtje 2nd 176050, E. Marr & Sons	309.8	3.36	10.433
Kayewood Zelma Lassie Korndyke 188871, A. P. Kaye	292.0	3.57	10.429
Rosetta Johanna Krause 188705, W. Krause	294.1	3.54	10.400
Star Concordia Boon 185374, Earl R. Cornell	425.2	2.44	10.361
Windamere Johanna De Kol 196664, Flopd R. Shoemaker	324.3	3.18	10.325
Plain View Johanna Annie 171296, Imig Bros.	283.4	3.64	10.325
Trela Walker Hartog 177717, Tanner & Tooke	289.6	3.51	10.175
Maud Clyde Burke 194599, F. D. Markham	322.9	3.14	10.123
Sly Springs Mutual De Kol 199858, Orvil E. Sooy	216.5	4.56	9.865
Plain View Johanna Calamity 171297, Imig Bros.	311.7	3.09	9.652

J. H. Clark—Archie Reid, Jr., Fond du Lac.

Geo. J. Eissenbeiss—Otto Schinke, Jegerson.

H. L. Ellis—C. A. Schroeder, West Bend.

Horace Fuller—Lindauer Stock Farm, Little Rapids.

G. Kennedy—Max A. Witte, Watertown.

J. F. LeJeune—L. V. Garvens, Brookfield.

W. G. Northey—Harvest Farms, Mayville.

E. F. Oeldrich—John H. Robbins, Cambridge.

A. L. Rasche—Pabst Farm, Oconomowoc.

John Rechinger—S. H. Bird, South Byron.

L. C. Staley—E. & F. Burmeister, Waukesha.

A. C. Wollin—Theo. Lehmann, Watertown.

Roy T. Harris,
In Charge of Official Tests.

NEW ADVERTISEMENTS

Bonalevo Farms—Strongly bred, 30-lb. Korndyke bull. Write for chart.
W. D. Robens—Bull ready for service by Sir Veeman Hengerveld.
Wanted—The best bull of serviceable age $250 will buy. See Want Ad Column.
W. J. Snyder—Herd sire, Pleasant Hill Pontiac Veeman Wayne. Write your wants.
High Hill Dairy—"A sire of $5,000.00 Quality."
E. C. Brill—"Two grandly bred bull calves of outstanding individuality."
A. R. Owen—A royally-bred bull, also a few heifer calves.
Auray Farms—Your choice of 5 bulls. Splendid breeding.
E. M. Lowman—Bulls ready for service, pedigrees furnished.
James W. Frear—Bull calves from 30-lb. sire and 20-lb. two-year-old dams.
C. A. Pratt—"26.6-lb. Bull Calf."
E. L. Beebe—For rent, bull containing blood of greatest families of breed.
Geo. Winter & Son—Bull whose two granddams averaged 108 lbs. milk in one day.
R. M. Harriman—Two calves containing blood of nine very noted animals.
Hastings & Prescott—Service fee to Kearsarge Pontiac Butter Boy $100.
Eugene La Munion—Four yearling heifer calves for $1,600.
Isaac Dairymple Estate—Bulls from 32.52-lb. sire.
Clarence Kirkling—Three heifers by 32-lb. bull for $350.
Public Sale—Wellington, Ohio, June 10, 1914. Catalogs ready. Sooy Bros.
Public Sale—W. M. Benninger, June 12, Allentown, Pa. Fair Gorunds.
Public Sale—Dispersion, June 17, Louisville, Ohio. L. D. Marshall.
Public Sale—West Mich. Breeders' 3rd Ann. June Sale, June 10, Grand Rapids. W. R. Harper.
Public Sale—Dispersion Sale, June 11, Woodstock, Ill. Frank White & Son. H. A. McQuillin—"Son of a 25,000-lb. cow."
Bond Century Farm—Granddaughters of King of the Pontiacs for sale.
Wanted—To sell 5-year-old herd bull show animal from world's record ancestry. Price $250. See Want Ad. Column.
Henry Stevens & Son—"Blood will tell? Yes." Send for booklet.
Houslett & McNutt—Service to Johanna King Segis, $250.00.

"Your World is the best in its class."—S. R. Trachsel, Helena, Mo.

Bairlland Segis Princess 182953, S. A. Bairl & Son	268.7	3.59	9.651
Bairdlanl Segis Pietertje 182955, S. A. Bairl & Son	242.4	3.96	9.611
Bonnie Abbekerk 188055, David Coleman	314.9	3.04	9.582
Pearl Ormsby Artis 166519, Stricklanl Bros	232.7	4.11	9.573
Daisy Lincoln Aaggie 188056, David Coleman	324.8	2.93	9.520
Rose Walker Pietertje 177719, Tanner & Tooke	276.9	3.44	9.514
Fox Mercedes 178910, S. W. Cronk	316.8	2.99	9.469
Johanna Aaggie Imperial Sarcastic 2d 194536, Strickland Bros.	282.9	3.34	9.457
Kate F. Holland Queen 2d 212030, W. F. Schilling	296.3	3.10	9.172
Gem Beets Pietertje 184550, Murphy & Gillette	261.9	3.48	9.104
Plain View Daisy Hengerveld Pledge 171295, Imig Bros.	261.9	3.45	9.040
Lady Wood March De Kol 203935, James Meteer	219.4	4.08	8.967

SECOND ANNUAL SPRING SALE

OF THE TRI-COUNTY HOLSTEIN-FRIESIAN BREEDERS' ASSOCIATION, SIDNEY, N. Y., MAY 20-21, 1914

Consigned by Ralph Corbin, Bainbridge, N. Y.

Korndyke Pontiac Pet 16th, 1 y., H. C. Scott, Unadilla, N. Y.	$160
Sunrise Hengerveld Dora, 1 y., J. L. Ford, Smyrna, N. Y.	230
Sunrise Beets, 5 years, Every Bros., Bloomville, N. Y.	250
Sunrise Hengerveld Beatrice, 1 year, Every Bros.	275
Sunrise Hengerveld Inka, 4 years, E. E. Risley, Walton, N. Y.	165
Sunrise Hengerveld Nancy, 4 years, C. H. Hamlin, Afton, N. Y.	220
Sunrise Hengerveld Nan., 2 years, C. H. Hamlin	220
Sunrise Hengerveld Bess, 2 years, R. A. Monroe, Liberty, N. Y.	220
Sunrise Hengerveld Magadora, 1 year, M. N. Toby, E. Meredith,	240
Sunrise Hengerveld Gretchen, 1 year, H. H. Vancott	235
10 head brought	$2215
Average per head	222

Consigned by Dunham Bros., Bainbridge, N. Y.

Aaggie Sarcastic, 9 years, O. E. Parks, Sidney Center, N. Y.	$270
Allenvail Aaggie Sarcastic, 2 years, E. E. Risley	110
Allenvail Agnes Walker, 1 year, H. M. Dunham, Marcellus, N. Y.	345
Allenvail Aaggie Beauty, 1 year, H. M. Dunham	360
Allenvail Hengerveld Aaggie 2d, 3 years, C. W. Ireland Co.	300
Allenvail Aaggie Walker, 1 year, H. M. Dunham	350
Allenvail Hengerveld Walker, 1 year, H. M. Dunham	350
Allenvail Segis Aaggie 2d, 2 years, J. D. Bristol, Bainbridge	225
Allenvail Betty Walker, H. C., H. M. Dunham	160
Allenvail Prilly Walker, 1 year, H. M. Dunham	230
Allenvail Johanna Walker, H. M. Dunham	295
Allenvail Helena Burke, 6 years, C. W. Ireland Co.	175
Allenvail Helena Burke 2d, 4 years, J. D. Bristol	340
Allenvail Hlena Burke 3d, 3 years, Ward Loomis, Bainbridge	280
Allenvail Helen Walker, 1 year, H. M. Dunham	360
Allenvail Topsy Clothilde, 6 years, J. D. Bristol	265
Allenvail Topsy Waker, 1 year, H. M. Dunham	260
Allenvail Clothilde Walker, H. C., H. M. Dunham	255
Allenvail Daisy Walker, 1 year, H. M. Dunham	280
Allenvail Hengerveld Johanna 2d, 4 years, Stevens Bros. Co.	220
Bull calf, J. C. Bobison, Towando Kansas	105
Allenvail Beauty Walker, 1 year, H. M. Dunham	355
Heifer calf, E. E. Risley	605
Allenvail Hengerveld D. K. 2d, 3 years, Ward Loomis	300
Allenvail Segis Walker, 1 year, H. M. Dunham	355
Bull calf, Clark & Smith, Hinesdale, Pa.	3000
Bull calf, C. P. Wallin, Sidney, N. Y.	30
Allenvail Pietertje Hengerveld, 6 years, Otto L. Ives, Guilford, N. Y.	1025
Allenvail Pietertje Hengerveld 2d, 3 years, Otto L. Ives	360
Allenvail Pietertje Walker, H. C., Otto L. Ives	400
Ladoga D. K. Pauline Burke, 9 years, H. H. Van Cott	380
Segis Inka Topsy 3d, 2 years, C. T. Schoonmaker, Gardiner, N. Y.	170
Allenvail Inka Walker, 1 year, Stevens Bros. Co., Liverpool, N. Y.	235
Allenvail Mary Walker, Stevens Bros. Co.	150
Hartog Cornucopia Pauline, 7 years, J. D. Shea, Monroe, N. Y.	500
Allenvail Cornucopia Pauline, 3 years, Fred Neidlinger, Bainbridge	305
Allenvail Cornucopia Walker, 1 year, Stevens Bros. Co.	255
Allenvail Cornucopia Pauline 2d, H. C., Stevens Bros. Co.	155
Allenvail Cornucopia Beets, 2 years, Ward Loomis	355
Allenvail Polly Walker, 1 year, H. P. Smith, Smyrna, N. Y.	750
Pauline Cornucopia, 8 years, B. H. Decker, Walkill, N. Y.	235
Allenvail Pauline Walker, H. C., Stevens Bros. Co.	345
Allenvail Cornucopia, 2 years, Ward Loomis	350
Calf, Stevens Bros. Co.	135
Allenvail Chimes Walker, 1 year, Stevens Bros. Co.	310
Allenvail Korndyke Walker, 1 year, H. M. Dunham	230
Sir Pietertje Beets Segis, 7 years, C. C. Gould, Hobart, N. Y.	175
47 head brought	$17000
Average per head	362

Consigned by O. L. Ives, Guilford, N. Y.

Minnetka Marion, 9 years, Fred Neidlinger	$195
Gladys Butter Boy Prescott, 3 years, Every Brothers	135
Poney Sir Pietertje Segis, 4 years, John D. Shea	260

Breeders' Bulletin Board

C. P. Barker, Chippewa Falls, Wis., writes:

"The ad you have been carrying of Segis Johanna Lyons has brought quite a few inquiries. The bull has good backing and is worth more than I have asked. A good many inquirers after reading Mr. Hastings' comment on the ad when new have thought there was a nigger in the fence, when as a matter of fact I priced him low because I am a young breeder and want to get the buyers acquainted with my stock.

THE SEARLE SALE

Concerning his Dispersal Sale, April 30, F. J. Searle, Oskaloosa, Kan., writes:

"I just simply can't tell you what a very fine crowd I did have, anyway they were here from Kansas, Colorado, Nebraska, Oklahoma and Missouri, and I didn't have enough cattle to go round.

"My cattle were in fine condition and went like 'hot cakes.' Messrs. Schneider and Glissman's also sold well.

"My Sale was a complete success. Something like 500 people were in attendance, half of which were from a distance. While many were interested, the prices 'stunned' them, but these are the kind that need educating.

"We had a big tent to accommodate the crowd and had a nice "pulpit" made for Haeger to work in, and with Getzelman in the ring, every thing 'hummed.'

"My average you will note is something like $276.00 per head, and when you take into consideration that I had but 30 head, including 11 cows, 3 yearling heifers, 4 heifer calves, herd bull, 2 yearling bulls, four 7-mo-old bulls and 5 bull calves, it seems to me its a magnificent average, although I had good stuff, and those who knew appreciated it."

SALE ANNOUNCEMENT

Benningers, Penna., May 13, 1914.

I have just returned from a week's trip in the State of New York where I attended two large sales of registered Holstein-Friesian cattle, one at Syracuse, N. Y. and one at Earlville, N. Y. and bought two car-loads of fresh cows, yearling bulls and bull calves, all fine individuals with large official records back of them, this lot of cattle are pronounced by all who have seen them to be the finest lot of Holsteins ever brought in the state.

We will hold a public sale on the Allentown, Pa., Fair Grounds on Friday, June 12, 1914 where all the above animals, to-gether with a number of my breeding, including prize winners, and consignments from several other breeders will be offered for sale.

The object of this sale is to improve the Live Stock of Penna. and will give farmers and breeders an opportunity to secure high class individuals and show animals at right prices.

I consider that there is no section in the United States more favorably located to breed and raise fine, pure

Eva Sir Pietertje Segis, 3 years, John D. Shea	255
Cora D. K. Pet, 6 years, E. E. Risley	265
Cortland D. K. Pet, 7 years, E. E. Risley	285
Artis D. K. Khrone, 7 years, C. S. Roe, Oxford, Wis.	260
Khrone, D. K., 8 years, E. L. Hall, Oneonta, N. Y.	225
Julip Mercedes Pauline, 9 years, Ira E. Fitzgerald	225
Alban Pelagie, 8 years, Austin Barney	230
Hillside Pontiac Gem, 8 years, J. H. Vandervort, Sidney Ctr., N. Y.	300
Salzell Sir Pietertje Segis, 4 years, R. E. Giggs, Johnson, N. Y.	255
Likely Sir Pietertje Segis, 4 years, Chas. T. Wallin	175
Agnes Segis Bellade D. K. 2d, 2 yrs., Seeley Stevens, Monroe, N. Y.	150
Bull calf, H. H. Van Cott	145
15 head brought	$3290
Average per head	219

Consigned by E. E. Risley, Walton, N. Y.

Hillpine Nicola Godoie, 1 year, J. C. Robinson	$115
Fancy D. K. Netherland 3rd, 6 years, M. M. Toby	200
Mary Netherland D. K. Gorter, 6 years, C. C. Gould	200
Hazel Segis Bellade, 3 years, Thos. E. Halbert, Gilbertsville, N. Y.	140
Lily Aaggie Belle 2d, 2 yrs., G. T. Every, Bloomville, N. Y.	230
Alice Midwould Clothilde D. K. 3rd, 2 years, C. L. Schoonmaker	255
Lily Belle Beryl, 2 years, G. Smith & Son, Seeleyville, N. Y.	405
Vivian Segis Korndyke Bellade, 5 years, Thos. E. Halbert	210
Vivian Segis Korndyke Ballade 2d, 2 years, M. N. Tobey	180
Susie Pontiac Karel Korndyke, H. C. Thos. E. Halbert	230
10 head brought	$2165
Average per head	217

Consigned by R. W. Siver, Sidney, N. Y.

Nesho Aaggie Beryl, 6 years, R. E. Gibbs	$235
Algerine Aaggie, 2 years, John D. Shea	265
Heifer calf, E. E. Risley	70
Unahanna Topsy Lipkje, 4 years, C. C. Gould	190
Algerine Lipkje Hengerveld, 2 years, Fred Pomeroy, Sidney Center	200
Aaggie Netherland Pauline D. K., 10 years, Ira E. Fitzgerald	135
Aaggie Netherland D. K., 1 year, D. S. Gifford, Sidney, N. Y.	150
Carlotta Netherland Wanda, 10 years, A. L. Goodrich, Sidney, N. Y.	170
Heifer calf, E. A. Vandervort, Sidney, N. Y.	155
Jucunda Jewel 5th, C. T. Wallin	170
Heifer calf, E. A. Vandervort	135
Butter Boy Jewel D. K. 6th, 4 years, A. L. Goodrich	140
Unahanna Abbie Pietertje, 4 years, D. S. Gifford	265
Unahanna Topsy Hengerveld, years, D. S. Gifford	210
Algerine Magadora, 2 years, E. E. Risley	200
Grietje Plum Pontiac Korndyke, 8 yrs., E. A. Vandervort	305
Her calf, E. A. Olmstead, Davenport Center, N. Y.	55
Algerine Korndyke Hengerveld, 2 years, Ralph Corbin, Bainbridge	250
Beryl Topsy Aaggie, 6 years, E. E. Risley	205
Algerine Blanche Lyons D. K., 2 years, E. A. Vandervort	215
Heifer calf, G. H. Truckell, Liverpool, N. Y.	100
Maggie Sir Pietertje Segis 2d, 2 years, A. L. Goodrich	185
Maggie Pietertje Pontiac, H. C., Otto L. Ives	160
Mercedes Colanthus D. K., 2 years, A. L. Goodrich	165
Heifer calf, G. H. Truckell	80
Highland Cornucopia Aaggie, 9 years, A. L. Goodrich	300
Heifer calf, G. H. Truckell	225
27 head brought	$4935
Average per head	183

Consigned by M. C. Johnson, Sidney, N. Y.

Unahanna Cornucopia May, 1 year, G. Smith & Son	$200
Unahanna Dartha Mercedes Posch, 1 year, O. E. Parks	160
Unahanna Mercedes Elsie, 1 year, T. B. Clark, Honesdale, Pa.	165
Unahanna Fairview Korndyke, 1 year, E. E. Risley	290
Unahanna Pietertje Korndyke Joe, 1 year, R. A. Palmer and John Wolf, West Brook, N. Y.	85
Heifer, 1 year, E. A. Vandervort	250
Unahanna Pontiac Korndyke's Double, B. C., J. C. Robinson	95
Unahanna Korndyke Joe D. K., B. C., Jack Peckham, Sydney, N. Y.	90
Unahanna Korndyke Pearl, H. C., T. B. Clark	205
Unahanna Korndyke Korndyke Pontiac, H. C., Stevens Bros. Co.	160
10 head brought	$1700
Average per head	170

Consigned by Peter Chambers, Walton, N. Y.

Allenvail Carlotta Beets, Ansel Sergeant, Wallace, N. Y.	$190
Lady Lilith Posch, 9 years, Robt. S. Marshman, Oxford, N. Y.	145
Segis Orpha Korndyke, 6 years, Stevens Bros. Co.	215
Delta Pontiac Catrina, 2 years, F. H. Wilcox, Sherburne, N. Y.	235
Delta Sas 2d, 4 years, Stevens Bros. Co.	235
Winkje Wayne D. K., 12 years, Ira E. Fitzgerald	115
Clydatla, 10 years, Robt. S. Marshman	140
Barbara Beets D. K., 6 years, Ira E. Fitzgerald	180

bred cattle that will bring high prices, than we are, as dairymen near Philadelphia and other large milk markets are getting tired of buying grade cows at from $100.00 to $200.00 each when they can buy pure breds, for a little more money, whose calves are worth more every year then what they paid for the cows.

About 75 to 100 head will be on the Allentown Fair grounds, two to three days before the sale, so that all interested in fine stock can see them.

A complete list of all the animals for sale will be out in a few days and mailed to all inquirers.

W. M. Benninger.

FRANK WHITE & SON'S DISPERSION SALE

Editor H.-F. World:

We will hold the dispersion sale of our show herd at the farm, Woodstock, Ill., on June 11th. That it is a show herd of rare quality is evident from the fact that we have won a total of $15,000 in prize money in the few years that we have shown. Many of the animals we have refused long prices for and some we would hardly have sold at any price. They will all be offered at the sale, herd bulls and all.

The senior herd bull, Cornucopia Pontiac Johanna Lad 48355, we believe is the best son of King of the Pontiacs ever offered in a public sale. He is a fine individual, long, deep bodied, back as straight as a line. His calves are beauties—he is sire of the first prize 3-yr-old and 2d prize 2-yr-old at the National Dairy Show in 1913. There will be 10 of his daughters and five of his sons in the sale. He is a granddaughter of Aaggie Cornucopia Johanna Lad and is, of course, a half brother to the 44-lb. cow.

Our junior herd sire is Groveland Inka Hijlaard 57856, a son of Inka Princess Beets, 29 A. R. O. daughters, one above 30 lbs., 14 others above 20 lbs. His dam is Lady Ona Hijlaard, the great foundation cow of Groveland Herd. He is a show bull of reputation, having been shown in the "Produce of Cow" class 32 times without losing a blue ribbon.

Artis Pontiac Judith is a 12.22 lb. jr. 2-yr-old granddaughter of King of the Pontiacs and King Segis Pontiac.

There are a number of daughters of King Pietertje Segis, a 29-lb. son of King Segis. Among them is Beauty De Kol Butter Maid Segis 172349, a 19.78-lb. jr. 2-yr-old out of a 22.25-lb. dam.

The dam of Lady Concordia De Kol (35.15) and two of her daughters will be in the sale.

One 17.62-lb. daughter of Sir Korndyke Manor De Kol, bred to Pontiac herd bull. This cow is the dam of Groveland Korndyke Cornucopia, who has 19.30 at 2 yrs. 6 mos., average 80 lbs. milk for the 7 days. She was first prize three-year-old in Chicago in 1913 and is bred to son of Pontiac Korndyke. She also has a daughter in the sale, sired by Groveland Inka Hijlaard and bred to son of Pontiac Korndyke This makes three generations of good ones.

A 21.56-lb. granddaughter of Manor De Kol, with 2 daughters and one

Ormsby Alban Girl, 6 years, W. M. Backus, New Berlin, N. Y.	170
Sub.——— J. C. Robinson	50
10 head brought	$1675
Average per head	168

Consigned by J. H. Vandervort, Sidney Center, N. Y.

Bull calf, J. C. Young, Liberty, N. Y.	$90
Elsie Pietertje Netherland D. K., 3 years, A. W. Cook, Sidney, N. Y.	260
Flossie Bellade D. K., 2 years, A. L. Shelton, Guilford, N. Y.	165
Ruth Bellade D. K., 1 year, J. C. Young	120
Bull calf, J. C. Robinson	50
Lilian Hartog D. K. Bellade, 1 year, J. C. Robison	130
Chastina Bellade D. K., 1 year, M. N. Toby	195
Fleet Pyrene Marie Korndyke, 4 years, M. N. Toby	195
Topsy Bellade D. K. 2d, 3 years, J. C. Robison	165
Topsy Bellade D. K. 3rd, H. C., J. C. Young	150
10 head brought	$1495
Average per head	150

Consigned by W. L. Terry, Walton, N. Y.

Delta Beets Korndyke, 2 years, G. Smith & Sons	$725
Delta King Pontiac Beets Korndyke, B. C., G. Smith & Sons	325
Allendale Segis Aaggie, 4 years, Geo. O. Waterman, Delhi, N. Y.	270
Allenvale Segis Korndyke, 4 years, E. E. Risley	155
Delta Pontiac Butter Girl, 2 years, B. E. Totten, Farmdale, O.	235
Sunrise D. K. 4th, 5 years, C. C. Gould	190
Aaggie Cornucopia D. K. Homer, 5 years, B. E. Totten	300
Allenvail Segis Daisylinda, Stevens Bros. Co.	250
Scottdale Johanna Hengerveld, 4 years, E. E. Risley	160
Delta Fairview Korndyke, B. C., Thos. E. Halbert	50
10 head brought	$2660
Average per head	266

Consigned by H. C. Swartout, Hartwick Seminary, N. Y.

Hadria Clothilde 3d, 7 years, T. B. Clark	$360
K. P. S., Pontiac Segis, 2 years, R. E. Gibbs	205
Eeth Netherland Korndyke, 5 years, Stevens Bros. Co.	605
Heifer calf, E. L. Hall	150
Heifer calf, T. B. Clark	220
Heifer calf, G. Smith & Sons	285
Heifer calf, Eugene De Forest, Unadilla, N. Y.	65
Bull calf, Harrison L. Beatty, Bainbridge, N. Y.	425
8 head brought	$2315
Average per head	289

Consigned by Stevens Bros. Co., Liverpool, N. Y.

King of the Pontiacs 20th, B. C., R. A. Monroe	$1025
Sub. ——— B. E. Totten	115
Lady Mabel Briar Herbert, 4 years, B. E. Totten	120
Heifer calf, B. E. Totten	120
Adele Pauline Ingalls, 4 years, Every Bros.	410
Sub. ——— Ralph Corbin	115
Princess Liluo Kalani Columbo, 4 years, M. N. Toby	290
K. P. Walker Altoana, 1 year, O. L. Ives	1200
Sub. ——— Every Bros.	120
Dilly Prilly, E. E. Risley	1300
10 head brought	$4815
Average per head	482

Consigned by Geo. O. Waterman, Delhi, N. Y.

Fytje Rowena D. K. 2d, 5 years, E. E. Risley	$185
Mary D. K. Segis, H. C., W. B. Hanford, E. Meredith, N. Y.	105
Mina Echo D. K., Alban, 5 years, R. A. Monroe	230
Topsy D. K. Alban Segis, H. C., J. C. Young	95
Arline D. K. Clyde, 4 years, E. E. Risley	260
Maple Grove Netherland Korndyke, 2 years, J. C. Robinson	185
Sopula Korndyke, 1 year, B. H. Decker	200
7 head brought	$1260
Average per head	180

Consigned by Ward Loomis, Bainbridge, N. Y.

Bull calf, Fred W. Tyler, Thompson, Pa.	$125
Allenvail Topsy D. K., 7 years, B. H. Decker	285
America Mercedes Julip, 8 years, R. W. Siver, Sidney, N. Y.	300
Lady Paul Beets D. K., 4 years, John B. Shea	260
Sub. ——— J. C. Robison	175
Hengerveld D. K. Mercedes, 9 years, D. S. Gifford	220
6 head brought	$1365
Average per head	228
180 head brought	$46,890
Average per head	260 50

son in the sale, all sired by the Pontiac herd bull and due to calve in August by the same sire.

One cow by the sire of Tweede White Lady, dam of the 44-lb. cow, and her son and daughter will be in the sale.

One 17.44-lb. daughter of Pontiac Hengerveld Parthenea, the bull that recently sold for $9,000 in the Russell sale, also a daughter of this cow sired by the Pontiac herd bull.

A daughter of a 26-lb. cow, sired by a 30-lb. son of Paul Beets De Kol.

One granddaughter of Hengerveld De Kol.

One young bull, sired by Sir Prilly Walker and out of an 18-lb. dam.

A granddaughter of Pietertje Hengerved's Count De Kol, due to calve in July by the Pontiac herd bull.

One daughter of a brother to King Segis with a 21.69-lb. record.

One 16-lb. jr. two-year-old daughter of Groveland Inka Hijlaard, the junior herd sire.

The cattle will be tuberculin-tested by reliable authorities and we invite prospective buyers to write for a catalog and to come early on June 11th, the day of the sale, and look the cattle over.

Frank White & Son,
Woodstock, Ill.

GOOD RECORDS ESTABLISHED AT END OF SEASON IN MORRIS HOLSTEIN-FRIESIAN HERD

The cows and heifers that have recently finished A. R. O. work in the short periods and semi-official for the long period, in the registered Holstein-Friesian herd owned by A. W. Morris & Sons Corporation, Woodland, Cal., have quite materially increased the average production of the herd, and the last month has brought out some really good ones.

The most important record recently completed was that of Miss Blaney that finished her year's work with 20,740.3 pounds milk, 806.2 lbs. butter-fat. This is equal to 1008.15 lbs. of butter, and places Miss Blaney as the fourth cow in the Morris herd that has produced over 1000 pounds of butter in one year under semi-official test.

Miss Blaney's half sister, Co Bossie Butter Girl, comes next in importance among the later ones to finish, with a year's production of 19,953.2 lbs. milk, 663.248 pounds butter-fat.

Louise of Riverside and Ethel of Riverside both furnish striking examples of the persistently high producer that makes a high record one year and comes right back with a better one the following year. Last year Louise of Riverside produced 632 lbs. of butter-fat in 4-year old form, and came back this year in 5 year-old form and brought her record up to 651 pounds of fat. Ethel of Riverside made 582 pounds of butterfat last year, and this year by a very substantial increase in production established a mark of 641 pounds of butter-fat.

Three more good ones to finish in April were Careme Rachel Mechthilde with 635.57 pounds fat, Geneseo Beauty 2d, with 586.30 pounds fat at age of 3½ years, and Floa Bergsma Butter Girl with 557.32 pounds fat at 4½ years of age.

A most commendable production was made by the heifer Nudine Daisy Pondyke. At he age of 2 years and 2 months, with first calf, she made 496.80 pounds butter-fat in one year. Her performance places her well within the great class of 2-year-old heifers that have been given high records in this herd within the past year.

Among the short period A. R. O. performers, the mature cow Wilhelmina Gerben De Kol ranks first among recent tests. In seven days she produced 24.30 pounds butter-fat and in 30 days 93.36 pounds. This makes the seventh cow in the herd to produce over 30 pounds of butter in seven days.

Arcula Alcartra made 21.38 pounds fat in seven days. We No Alcartra made 20.88 pounds fat, Nydia Creamcup made 19.968 pounds fat.

Still further honors have been brought to the blood of Aralia De Kol and De Kol of Valley Mead by the performances of three of their young descendants. Aralia De Kol 3d, now at the age of 3½ years, made a seven day record of 18.47 pounds butter-fat, while Aralia De Kol Mead, 2-year-old daughter of Aralia De Kol, made the exceptionally good production of 17.36 pounds butter-fat in seven days and 71.39 pounds in thirty days.

De Kol of Valley Mead 4th made 16.449 pounds fat in seven days as a 2-year-old. The way these 2-year-olds are starting in to produce is a very strong indication that there have been some remarkable mating made in the Morris herd, and that the several families now strongly established in the herd have an immense capacity for still greater development.

One of the most interesting young things that has recently begun her producing period in the Morris herd is Jane Netherland Segis. She is the first daughter of King Segis Pontiac Emperor to come into milk, and naturally she is being watched with some interest. Her dam is rather an inferior cow, both as to type and production, but the heifer shows her sire's blood very decidedly and is a very good type. She has just made an A. R. O. record of 13.63 pounds butter-fat for the seven-day period, which is not a remarkable figure, but taken altogether is quite a satisfactory indication of what may be expected from some of the other daughters of King Segis Pontiac Emperor that will shortly be coming into milk.

Up to May 1st forty cows in the Morris herd have averaged 620.98 pounds butter-fat in one year under semi-official test.

The best fifteen cows averaged 721.13 pounds butter-fat and 20,525 pounds milk in one year.—*The Live Stock and Dairy Journal.*

OH, THE NAUGHTY FARMER!

"'Tis not the trusts" that we should blame
When that far-famed price-lifting game
Boosts porterhous and prunes and eggs
And caviar, fowls with yellow legs,
False hair, false teeth, asparagus.
Ah, no, the trusts are kind to us.
Who boosts the price of hog and shoat?
Look at the farmer. He's the goat.

Look at the farmer, stooped and lean;
See how he rises to be mean
At 4 a. m. and feeds the chicks
And gropes about and gathers sticks
To make a fire to cook his cakes;
Then plows and drags and hoes and rakes
And raises cabbage, beets and squash!
He raises everything, b'gosh.

He raises things! That proves that he
Raises the things which used to be
Within our reach, steel rails and coal,
Till if we had a ten-foot pole
We could not reach them! Silks and furs
And tabby-cats and yellow curs,
He raises everything we use,
From clothespins to low-quarter shoes.

Ah, trusts, dear trusts, sweet trusts, to you
We make a quick salaam, we do,
Go past in your automobile,
Throw us your dust-please do, we feel
We've been unjust! The farmer man
Soaks us. We ought to tie a can
To him! His work is hard and low,
And so we're glad you get the dough.—Unidentified.

Holstein-Friesians make records and records make Holstein-Friesians. Go to it!

* * *

Be generous—raise a good calf for the other fellow to buy.

FOR YOUR CONSIDERATION

"A good bull is half the herd but a poor bull is the whole herd."

JOHANNA KING SEGIS 71964

is the best bull in the Northwest. He is the son of the $7,000 40-lb. cow, Johanna De Kol Van Beers. You can start right at the top of the ladder when you have a chance to use such a sire as this one. Our order book is rapidly filling but we will take a few more choice cows at service fee of $250.00 and will breed cows with 20-lb. records or better on halves.

OAK GROVE AND TWIN PINE FARMS

Houslet & McNutt **Oxford, Wis.**

Address all correspondence to Neal Houslet, Oxford, Wis.

AT REASONABLE PRICES

Beautiful bulls—King of the Pontiacs, Pontiac Korndyke, Model Family, King of the Butter Kings. King Segis and other families, all from A. R. O. dams with high records. Individually they are unsurpassed in any stable in America. Also choice females, all ages. An exceptionally fine lot of heifers bred to the best bulls.

E. A. POWELL, 904 W. Genesee St., Syracuse, N. Y.

What is dry farming? We suppose it is farming in a prohibition district where the lid is on.

* * *

"Schmile und the vorld schmiles mit you; laugh, und the vorld vill roar; howl, und the vorld vill leaf you, undt nefer come back any more; for all uv us couldn't peen handsome, nor all uv us vear goot clothes; but a schmile vas not exbensive, undt covers a vorld of voes."

VANDERKAMP FARMS

Holstein Bull Calves by Judge Segis Son of Famous King Segis

From A.R.O. dams. Two ready for service
Fine individuals—well marked

F. C. SOULE & SONS, SYRACUSE, N.Y.

PUBLIC SALE CALENDAR

June 4-5, 1914—Western Holstein Sale at Chicago, Ill. T. E. Getzelman, Sale Manager.

June 10, 1914—Grand Rapids, Mich. West Michigan Holstein Breeders' Third Annual Consignment Sale, at West Michigan State Fair Grounds. W. R. Harper, Sale Mgr.

June 10, 1914—N. Dunn and St. Croix Co. Ass'n. 2nd Ann. Sale, Glenwood City, Wis., S. B. Peck, Mgr., Boyceville, Wis.

June 10, 1914—Wellington, Ohio. Sooy Bros.

June 12, 1914—Fair Grounds, Allentown, Pa. W. M. Benninger.

Oct. 15, 1914—7th Ann. Sale, Michigan Sale Co., State Fair Grounds, Detroit, Mich. H. W. Norton, Jr., Mgr.

June 17, 1914—Louisville, Ohio. L. D. Marshall.

June 18, 1914—Wellington, Ohio. F. P. Sutliff's 4th Individual Semi-annual.

Oct. 19-20, 1914—Sterling, Ill. Third Annual Sale. Woodlawn Farms Co.

Oct. 20, 1914—Woodstock, Ill. Second Annual Sale, Mc Henry Co. H.-F. Breeders' Association. 90 head.

Oct. 21-22, 1914—Pavilion, Barrington, Ill. First Semi-Annual Sale of the Barrington Breeders' Association.

Oct. 23, 1914—10th semi-annual sale, Lake Mills Breeders, Lake Mills, Wis.

Dec. 11, 1914—North Portland, Oregon. Second Annual Pacific-International. Geo. A. Gue, Mgr.

Dec. 1914—Syracuse, N. Y. 3d Annual Dairymen's Sale. E. M. Hastings.

HEIFERS FOR SALE.

First check for $350 buys this trio of heifers. Two born March 6 and 11, 1914 sired by Flossmor Pontiac Butter Boy a 32-lb. bull. The other one born April 28, 1914, sired by Johanna Segis Flint. All out of good cows.

Clarence Kirkling, Greenup, Ill.

SADIE VALE SIR ORMSBY 57600
(16 A. R. O. daughters.)

The youngest son of Sadie Vale Concordia (30.64 lbs.) heads our herd. We offer bull calves by him, and from promising young cows with records around 20 lbs. at 2 years old.

For pedigrees and other information address

JAMES W. FEAR,
Maple Grove Stock Farm,
Holland Patent, New York.

26.6-LB. BULL CALF

Born Jan. 7, 1914—beautiful individual, nearly all white.

Dam, a 30-lb. prospect, has a record of 22.68 lbs. butter, 490.9 lbs. milk.

She has a large udder and veins, with teats well placed. The sire is a 30-lb. bull of great merit.

The price is right.

We also have other good cows.

KEYSTONE FARMS
C. A. Pratt, Prop., Le Raysville, Pa.

$350.00 FOR A PAIR OF HOLSTEIN CALVES NOT OF KIN.
Cows and Bulls in pedigree:

	Lbs. butter in 7 days.
Colantha 4th's Johanna	35.00
Betta Lyons Netherland	34.70
Blanche Lyons Netherland	34.36
Aaggie Cornucopia Pauline	34.32
Blanche Lyons De Kol	33.31

Hengerveld De Kol.
King Segis.
Homstead Jr. De Kol.
Pietertje Hengerveld's Count De Kol.

R. M. Harriman, Appleton, Wis.

Benninger's Sale of Registered

HOLSTEIN-FRIESIAN CATTLE

Friday, June 12, 1914 on Allentown, Pa., Fair Grounds.

75 to 100 head of high-class cows, bulls and calves out of A. R. O. dams. Write for list and plan to attend.

W. M. BENNINGER
Benningers, Pa.

SIR PONTIAC VEEMAN HENGERVELD

Grandson of Pontiac Artis and Sir Veeman Hengerveld.

Two nearest dams average 31.3 lbs. butter, 4.73 per cent fat.

I have young bulls ready for service. Extended pedigrees furnished.

E. M. LOWMAN, Lowman, N. Y.

FOR RENT

Bull containing the blood of the 3 greatest families of the breed—Pontiac Korndyke, Hengerveld De Kol, Colantha & Johanna. Write for breeding and terms.

E. L. BEEBE, NELSON, N. Y.

BOND CENTURY FARM
Canastota, N Y.

Heifer calves for sale.

Granddaughters of King of the Pontiacs.

Address **W. E. Bond, Potsdam, N. Y.,** or call at the farm.

W. A. Hotchkiss, Mgr.

Son of a 25,000-lb. Cow

Bull born Nov. 23, 1912. Sire—Canary Mercedes Pietertje Hartog 6th No. 78123; Dam—Royalton De Kol Violet No. 86460. Milk, 1 day 119 lbs., 30 days 3,000 lbs., 1 year 25,561, private record. See picture H.-F. World, Feb. 28, 1914. Three-quarter sister to Royalton De Kol Fern 73957, butter 7 days 25.7 lbs., milk, 7 days 681.3 lbs., milk 1 day 103.1 lbs. after giving birth to twin calves under unfavorable conditions. She is granddaughter of De Kol's 2nd's Paul De Kol No. 20735, and is now milking 80 pounds a day after being fresh 6 months. This bull is good individual, nicely marked. Price, tuberculin-tested, F. O. B. cars Delta, Ohio, $250.00.

H. A. McQUILLIN
Delta, Ohio

BULL FOR SALE

His two granddams average 108½ pounds milk in 1 day and 17.600 lbs. in 9 mos. and 12 days. (Canadian records).

The dam and dam's dam are the highest priced pair of Holsteins ever sold or imported from Canada.

He was born April 23, 1913, and is more white than black.

For particulars and price write to

GEO. WINTER & SON,
Adirondack Valley Stock Farm,
Chateaugay, Franklin County, N. Y.

SPRINGVALE STOCK FARM

"THE HOME OF THE JOHANNAS."

If in need of a bull calf this winter, do not fail to investigate the breeding of one sired by King Peter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON,
Rosendale, Wisconsin.

ORRVILLE HERD.

Bull calf, sire, King Pontiac of Brookside No. 55635. Dam, Netherland Mono Johanna No. 76190; 21,644 lbs. milk, 919.28 lbs. butter, semi-official record.

A real individual, too. Write

A. HURSH,
Orrville, Ohio.

CRESDALE HERD

Breeders of Lady Tobe De Kol, the World's Record Senior three-year-old with 36.60 pounds butter in 7 days and 141.49 pounds butter in 30 days. King Veeman Pontiac Hengerveld, a son of Arfmann's $10,000 bull, heads our herd. Stock for sale.

J. H. PHELPS & SON
Vernon, N. Y.

RODGERDALE HOLSTEINS.

FOR SALE—1 yearling bull from a 19.30 lb. dam; and bull calves sired by Sir Johanna Lady Korndyke No. 84720, his dam Pontiac Lady Korndyke 38.03. For price etc. address

M. J. RODGER
Hammond, N. Y.

KING PONTIAC CALYPOSO 53420

We consider the *best bred, best individual,* and *best developed* son of his sire, King of the Pontiacs.

Just six years old, King Pontiac Calypso has already a 31.78-lb. junior 3-yr.-old daughter. Twelve of his 15 tested daughters, of which only four have reached three years of age, average 21.81 pounds butter in 7 days, all testing 4 per cent fat or better. No four-year-olds are tested as yet.

In my herd are ten daughters of King Pontiac Calypso, all of which are excellent 30-lb. candidates.

I have for sale a son of "KING" ready for service out of a 32-lb. junior four-year-old granddaughter of King Segis. Also a bull calf out of a 21-lb. cow, and a bull calf out of a 23-lb. daughter of "KING" sired by King Lyons 3rd. Also for sale a 2-mos.-old heifer calf sired by a grandson and out of a granddaughter of King of the Pontiacs.

Services of King Pontiac Calypso and two of his best sons to approved cows.

S. R. CLARK
Onondaga Valley, N. Y.

26-LB. BULL CALF 26-LB.

Born Dec. 5, 9/10 white; **Sire,** Inka Princess Mutual De Kol Son.
Dam's record, 33.25 lbs. butter, 711.9 lbs. milk.
Dam, Maple Ledge Clothilde Korndyke (18.83 lbs. butter, 421 lbs. milk as a junior three-year-old)
Sire, the 37.68 lb. bull, Fairview Korndyke Lad.
8 dams of this calf average 26.95 pounds butter.
A dandy individual, guaranteed to please, or your money refunded.
Price $150.00 F. O. B. Cars.

MARBLE VALLEY STOCK FARM,
R. F. Mead **West Rutland, Vermont.**

NORWICH STOCK FARM

ONE OR TWO BULL CALVES TO OFFER.

Sire—**King of the Pontiacs Eusebia Burke 90059.**
Dam—**Aaggie Cornucopia Pauline Artis 119707.**
A. R. O. at two years, milk 345, butter 15.53.
The sire's five nearest dams, and the dam, granddam, and dam's sire's dam of this calf are all over 4 per cent fat in test.
For particulars and prices, write

R. C. WELLS **Norwich, New York.**

FOR SALE

3 full aged cows and one two-year-old daughter. Two of the cows average 20 lbs. A. R. O. records.

Also bull calf, straight, excellent individual, mostly white, born Dec, 28, 1913.

Dam 19.851 lbs. A. R. O., sired by a bull whose dam's sire has four daughters over 30 lbs.

BELVOIR FARM **LAKE GENEVA, WISCONSIN.**

VALLEY VIEW STOCK FARM

Offers a bull calf born Nov. 14, 1913. The dam of the calf is a granddaughter of King of the Pontiacs and has a record of 19 lbs. in 7 days as a Jr. two-year-old, and 76 lbs. in 30 days. The sire is a grandson of King Segis whose dam and sire's dam average 31.63 lbs. in 7 days. For price write

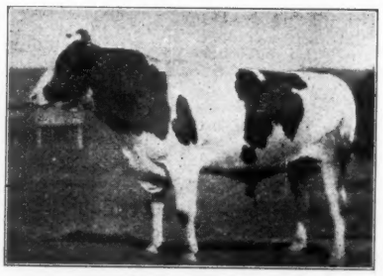
S. B. Taylor, Canastota, N. Y.

A FOUNDATION HERD

Four nice large yearling heifers. One from a twenty pound Jr. Two-year-old. One from a Thirty pound Three-year-old, One from a Twenty-three pound Three year old and one from a Twenty-four eighty-five pound three year old. All light in color and bred to the King of the Black and Whites. Price for four, $1600. If interested write.

LOCKHART HOLSTEIN FARM **Eugene La Munion** **Solsville, N. Y.**

Are You Looking For A Prize Winner?



KING SEGIS JOHANNA GRAHAMHOLM 93789

King Segis Johanna Grahamholm No. 93789.
Born July 9, 1911. Weight at 2 yrs., 1580 lbs.
He was Second Prize Winner at Minnesota State Fair 1913, being beaten only by the bull that won First at the National Dairy Show.
This bull is as straight as a line and as good as his picture shows him.
SIRE: Sir Winana Beets Segis, who is proving himself one of the best sons of King Segis. Among his A. R. O. daughters are two year-olds with records of 23.93 lbs., 19.14 lbs., 18.40 lbs., and he now has a three-year-old daughter in test with 21.72 lbs. to her credit.
DAM: Netherland Johanna Maid. She has twice done excellent work in official test, her latest record being 20.84 lbs. butter in 7 days. Her sire is by a brother to the sire of King Segis.
For further information address

GRAHAMHOLM HERD

W. J. BOYNTON, Manager **ROCHESTER, MINN.**

? HAVE YOU ?

bought that bull yet? We offer a son of our herd sire, Pontiac Triumph Cornucopia, who was by Pontiac Cornucopia, and from a 25-lb. daughter of Hengerveld De Kol. The dam is a 19-lb. daughter of Belle Korndyke Beryl Wayne. Calf was born October 20, 1913, and is a bargain at our price.

H. C. STANTON,
Clifton Heights, Delaware County, Pa.

FOR SALE—Must sell 15 or 20 pure-bred cows and heifers at once. Tuberculin tested and right in every way. Every cow in my herd a regular breeder. Some with A. R. O. records, well bred and good individuals. If you want that kind, come and see them.
J. G. HORNER **Lamson, N. Y.**
17 miles north of Syracuse on
D. L. & W. Railroad

BLUE BOOK

HOLSTEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK—(BLUE BOOK)—VOLUME 24.

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry Office, contains important information that will not be repeated in future volumes. It is, therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters, the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, list of cows tested during that year, with their records, etc.

A limited number of volumes still remaining. Price to members of the H.-F. Association admitted on or before June 2, 1913—$1.00; to all others —$2.00, prepaid.

Address—M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

WALKER LILITH ALTOANA

is the only bull in the world whose dam ever made a World's Record as a two-year old, and again as a three-year-old, her two records averaging over 30 lb. Her 3-year-old record is 33.6 lb

Service fee—$50.00.

HAROLD F. HUBBS :-Kirkville, N. Y.

RIVERSIDE STOCK FARM

offers Holstein-Friesian Bull born Nov. 18, 1913. Sir Aaggie Cornucopia Johanna Lad 7th, a 32-lb. bull. Dam a 17.50 two-year-old daughter of King Hengerveld Segis. A fine individual, nicely marked.

Price $100.00.

A. W. BROWN & SONS,
W. Winfield, N. Y.

CREAMELLE VALE BLOOD FOR SALE.

A bull calf born Dec. 6th whose sire is by Dutchland Sir Pietertje Hengerveld and a daughter of Creamelle Vale, the world's record cow for yearly milk production. His dam is by the 30-lb. bull, Elzevere Sir Canary Barnum De Kol.

Send for pedigree if you want this prize.

BEACH & WIRT,
Battle Creek, Michigan.

LACONA BREEDERS

Henry Stevens & Son—Ad. on back cover page.

THE $15,000 BULL

The highest priced animal ever sold in public sale. **We sold him.** We have others that we will sell for less money.

COLVIN & DESHANE,
Richland, New York.

PINE RIDGE HERD—Offers a bull calf for $40, from a 20.75-lb. 4-year-old of ideal quality and conformation. Sire is Lord Korndyke 2d, a son of Korndyke Butter Boy, from a 27-lb. daughter of Sir Korndyke Manor De Dol. Bull calf is light in color and a promising individual.

A. T. BLOUNT, Lacona, N. Y.

BELLEVUE HERD—Is headed by King Pontiac Artis Prilly, who was by a son of King of the Pontiacs, and the wonderful prize winner, Pontiac Artis (31.71 lbs. in 7 days, 1076.91 lbs. in a year), and from a great producing daughter of King Prilly, who is a son of Prilly the "Queen of the Breed." This combination is producing a splendid lot of heifers that will be heard from.

H. A. PRESCOTT, Prop., Lacona, N. Y.

---

7 YEARLING HEIFERS FOR SALE

All of excellent breeding; 4 of them are daughters of Christopher Colombo, who was sired by De Kol 2d's Butter Boy 3rd and from a 29.87-lb. daughter of Hengerveld De Kol.

R. D. Reynolds, Lacona, N. Y.

WHEAT HILL HERD

Headed by Pleasant Hill Pontiac Veeman Wayne—one of the best bred young sires of the breed. When in need of good cattle come to Lacona.

W. J. SNYDER, Lacona, N. Y.

THE LACONA HERD

You cannot duplicate our bargains. Over $8,000 worth sold from this little ad, in past few months. Come to Lacona for good cattle, and you will be treated right.

B. E. MEAD, Lacona, N. Y.

GRANDSON OF KING OF THE PONTIACS

From a 15-lb. three-year-old. More black than white. Price $40.00 with all paper. Also a bull calf born Feb. 21, 1914, from an 18-lb. cow. She gave 65 pounds milk in one day. Nicely marked. Price $25 with all papers. These prices mean an immediate sale.

D. J. HOLLIS, Lacona, New York.

A 22-LB. BULL—$75.

Dam gave over 70 pound milk per day, and over 22 pounds butter in 7 days. Sire—a well bred son of the $2,000 bull, Pontiac Korndyke Hengerveld. Nicely marked, and a very handsome growthy calf—born April 9, 1914. Address

UTILITY HERD, Lacona, N. Y.

AURAY FARMS

Offer the following young sons of our King Segis Pontiac Clorinda, a three-quarter brother to the $10,000 K. S. P. Alcartra.

No. 1.—3 mos. Dam a 16-lb. 3-yr. granddaughter of King Segis and Winana De Kol Korndyke. Price $125.00.

No. 2.—3 mos. Dam an 18-lb. 3-yr. granddaughter of De Kol 2d's Butter Boy 3rd and Helena Burke. Price $150.00.

No. 3.—2 mos. Dam a 16-lb. 2-yr. daughter of K. P. Calypso. Calf is a double great grandson of King of the Pontiacs. Price $200.00.

No. 4. 5 mos. Dam a 23-lb. granddaughter of Johanna Aaggie Sarcastic Lad and Homestead Girl De Kol. Price $200.00.

No. 5.—4 mos. Dam a 25-lb. 5-yr. granddaughter of King Segis and Cleopatra Gelsche. A double great-grandson of King Segis. Price $225.00.

Satisfaction and safe delivery guaranteed. Write for printed charts, photos, etc.

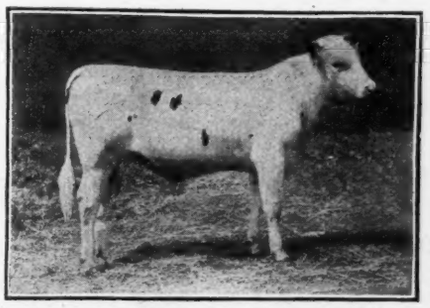
AURAY FARMS

F. M. Avery **I. M. Avery**

Sparta, Sussex Co., N. J.

IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT

Some records of his dam:—	Some records of his sire's dam:—
Butter, 7 days .... 37.21 lbs.	Butter, at 3 yrs. 3 mo. 26.17 lbs.
Butter, 30 days....145.29 lbs.	30 days, same age.. 107.83 lbs.
Butter, 365 days...1271.6 lbs.	World's rec. in class when made.
All world's records when made.	Butter, 7 days ..... 35.56 lbs.
Five records average 30.14 lbs.	Butter, 30 days .....145.66 lbs.
Three above 30 lbs. in 7 days.	World's record when made.



"IT" NO. 105147.

His calves show inidviduality of the highest order. YOU know they inherit the blood of CHAMPIONS. Get one, and you will be IT.

STEVENS BROTHERS COMPANY,
Liverpool, New York.

IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT

FOR SALE

Bull calves nicely marked and well grown. Grandsons of Pontiac Korndyke out of good A. R. O. dams.
For pedigree and price write
L. W. DURGAN,
Saranac Lake, —:— New York.

YOUR HOLSTEIN SALE
needs
MACK
Always on the job—for RESULTS.
In the box or in the ring.
For dates address
COL. J. E. MACK
Ft. Atkinson Wisconsin.

Holstein Auctioneer
To insure the success of your sale you need Kelley in the box
For dates write
COL. B. V. KELLEY Syracuse, N. Y.

Col. D. L. Perry
THE
HOLSTEIN AUCTIONEER
I also sell satisfaction.
Columbus, Ohio.

THE TRAVERSE HERD
BULL CALVES FOR SALE from ADMIRAL WALKER COLANTHA, whose four nearest dams average:—Butter, 7 days, 32.83 lbs.; 30 days, 131.85 lbs., and from TRAVERSE BELLE LAD, who is from a 30.115 lb. daughter of PONTIAC BUTTER BOY.

Fifty-two A .R. O. cows in herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengreveld Crown De Kol.

Write for pedigrees and prices.

TRAVERSE CITY STATE HOSPITAL,
Traverse City, Michigan.

OUR POLICY
Is to sell animals for just what they are. Our stock is bred for size, production and quality. We have some GOOD ones.

W. H. HORSTMANN
R 2. Schenectady, N. Y.

FOR SALE
Two sons of Rag Apple Pontiac Korndyke No. 88058.

HENRY ANTHES, Jefferson, Wis.

Two Heifer Calves, Granddaughters of
KING OF THE PONTIACS
And a Bull Calf, a Grandson of
PONTIAC KORNDYKE
The dam of the bull has record of over 25 lbs. Will sell the three for $650. This is the kind that will make you money.
Address
R. E. DAVIS
Mexico, N. Y. R. D. 4.

NEW YORK STATE SCHOOL of Agriculture at Alfred University

offers Johanna Colantha Netherland No. 126295, born October 27, 1913. He is a fine large, straight individual, a little dark in color but nicely marked. Sired by Sir Johanna Colantha Gladi, and from Jewel Colantha Netherland A. R. O. 21.53 lbs.

The picture of his dam and sire appeared in the World three weeks ago. He is a splendid calf and will develop into a fine bull.

Price $175.00. For further particulars address

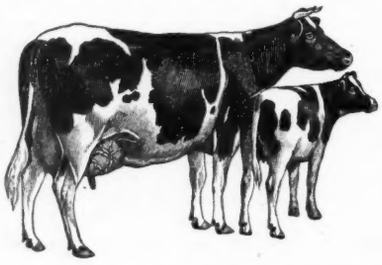
E. E. POOLE, Farm Supt. ALFRED, N. Y.

To Prevent Summer Complaint
Use Holstein Cows' Milk

Prof. M. J. Rosenau in his book, "The Milk Question," says:

"Many cases of summer complaint in children have been traced to an excessive amount of fat in the milk. There is a great temptation, both on the part of physicians and mothers to increase the amount of butter-fat in the food in order to fatten their babies but this practice is fraught with danger."

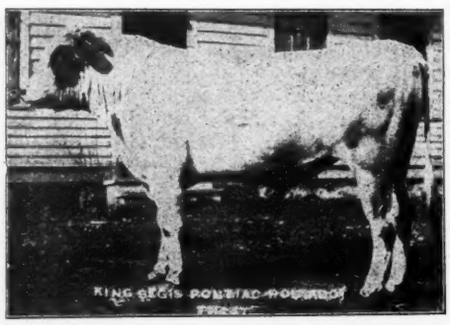
As the dangers of fat indigestion gain recognition, the value of Holstein Milk for Infant Feeding becomes more apparent. Not only its moderate fat content but the small and uniform size of the fat globules recommend it to physicians experienced in Infant Feeding.



Our free literature contains other reasons for preferring Holstein Milk, as explained by eminent physicians. SEND FOR IT TO-DAY.

HOLSTEIN-FRIESIAN ASSOCIATION
BOX 182 BRATTLEBORO, VT.

KING SEGIS PONTIAC POLKADOT, 75347



A Bull of $50,000 Quality

King Segis Pontiac Polkadot 75347, a full brother in blood to King Segis Pontiac Alcartra 79602, who sold at the Breeders Consignment Sale at Syracuse, N. Y., in June, 1910, for $10,000 the highest price ever paid for a Holstein-Friesian bull at public auction, stands at the head of the Uneeda Korndyke herd of Holstein-Friesian cattle. (May 12, 1914 a one half interest in this bull was sold for $25,000.) Young bulls nearly ready for service from cows of the choicest of breeding now offered for sale. Write for pedigrees and prices.

Uneeda Korndyke Herd
F. J. Bristol & Sons Co. Oakfield, Wis.

I WANT THE 5 BEST BRED HEIFERS

from A. R. O. dams that $1,000 will buy; due to freshen with first calves May, June or early fall. Will be given records when fresh.

Herd headed by 32-lb. bull, **Spring Farm King Pontiac Mercedes 104884.** Bull calves for sale carrying blood of Colantha 4th Johanna and K. P. Pontiac Lass. **C. P. BARKER, Chippewa Falls, Wis.**

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. MUNRO **Camillus, N. Y.**

KANSAS CITY FARM

Kansas City, U. S. A., and Springfield, Ill.

Breeders of K. C. Holsteins
Stock for Sale.
See or write

T. J. DAUGHENBAUGH

Springfield, :—: :—: Ill.

MINNESOTA'S FAMOUS HERD

offers for sale 2 bulls of quality backed up by breeding 13 months old.

King Walker Hamilton Gelsche No. 118602; First 6 dams average 30.18 lbs. butter 7 days. Sired by the King of the Black and Whites.

King Cornucopia Sadie Vale Jr. No. 115900 3rd Prize Junior bull calf, in competition of 15 New York State Fair, 1913. Handsomely marked. Dam and sire's dam average 26.16 lbs. butter 7 days.

E. P. MILLER & SON

Northfield **Minn.**

FOR SALE—Two Registered Holstein-Friesian Bull Calves, sired by a grandson of King of the Pontiacs, and whose dams have A. R. O. records—one of 21.58 pounds and the other 18.116 pounds, as a junior three-year-old.

Write for prices and pedigrees.

CHAS. OHLER —::— Lucas, Ohio

YEARLING BULL FOR SALE

Sire—a son of Milk and Butter King, from a 21-lb. cow.

Dam—an 18-lb. cow, made without preparation.

Bull is nicely marked, more black than white, straight as a line, and right in every way.

Price $60.00 f. o. b. Morristown.

C. G. WALLACE & SON,
Morristown, New York.

BULL READY FOR SERVICE FOR SALE

Sire—King Segis De Kol Korndyke 7th, whose sire is a 37-lb. bull.

Dam—An A. R. O. cow.

A fine individual, more black than white.

Price, $125.00.

HARVEY GRAMPS,
Fort Plain, New York.

A 31-LB. PROVEN SIRE

Two years olds, sure, fine individual, nearly all white. Guaranteed. Sire. Korndyke Pontiac Pet; a 37-lb. son of Pontiac Korndyke.

Dam, a 27.7-lb. daughter of a 28-lb. cow.

Sold only to avoid inbreeding. His heifers are very promising.

Address

FRANK BACKMAN,
Valley View Farm, Weedsport, N. Y.

HORNLESS HOLSTEIN-FRIESIANS

Don't cut, saw or burn the horns off—breed them off. Buy a polled bull guaranteed to produce more than 50 per cent of hornless calves from horned cows. The polled trait recognized by the Holstein-Friesian Association of America in 1887, Volume 3, Bulls.

Of 27 calves from our matings only 5 with horns; 2 out of 8 from horned dams are hornless. Bull calves three to six months of age from A. R. O. dams, $100 up. Have shipped to Indiana, Iowa, Colorado, Connecticut and Pennsylvania—every purchaser pleased. Send for catalogue.

Geo. E. Stevenson & Sons, **Waverly, Pa.**

GREENVIEW STOCK FARM

Herd headed by King Pietertje Hartog Pontiac No. 105976, a son of King of the Pontiacs and Ruble Hartog De Kol Pietertje No. 69124, 645.20 lbs. milk, 24.79 lbs. butter in 7 days at nine years of age.

We have consigned fourteen cows and one bull to the Tri-County sale at Sidney, N. Y., May 20th and 21st. Among these is the sweepstakes cow at our County Fair last year.

OTTO L. IVES, **GUILFORD, NEW YORK.**

LOOK THESE HORSES OVER

Before Buying Elsewhere

PENNSYLVANIA EXPRESS CO.

351--353 East 34th Street

NEW YORK CITY

MUST BE SOLD WITHIN THE NEXT THIRTY DAYS

140 YOUNG WORK HORSES AND MARES

in good condition, weighing from 900 to 1,600 lbs. These horses have been bought green and within the past two years, and have been used in and around the city. Among them are matched teams suitable for general business, also several pavement-sore mares.

PRICES:—Single, $45.00 to $200.00. Teams, $115.00 to $400.00. 30 days trial allowed. If not as represented can be returned within trial time. No reasonable offer refused. All horses shipped 400 miles from New York City with blankets, halters and collars.

All cars transfer to the door. One block from Long Island Ferry.

SEE SUPT. PHONE 7481 MURRAY HILL.

NORTHWESTERN WISCONSIN TO THE FRONT

The Northern Dunn and St. Croix County Holstein-Friesian Ass'n Second Annual Sale

JUNE 10th, 1914

at Glenwood City, Wis.

"THE BANNER SALE OF THE YEAR"

40 Head of Pure Bred HOLSTEINS . . .

20 Head of High Grade Females

"A Sale That is Purely Co-operative"

S. B. PECK, General Mgr.
Boyceville, Wis.

S. T. WOOD, Sale Mgr.
Geneva, Ohio

WRITE GENERAL MANAGER FOR CATALOG

Maplehurst Farms

Herd Sires

KING PONTIAC CANARY, a son of King of the Pontiacs, from a 26-lb. daughter of Canary Mercedes Alban.

KING SEGIS PONTIAC CANARY, a son of King Segis Pontiac, from a 30-lb. daughter of Canary Mercedes Alban.

The combination of these sires with our high record daughters of Lilith Pauline De Kol's Count, and other noted sires, cannot fail to get results.

Lamb & Langworthy

East Hamilton, N. Y.

A Son of Queen Juliana Dirkje 97608

FOR SALE

Her record is 1021 lb. butter in one year as a 3-yr-old (World's record) and she came in without being dry and made 28.87 lb. in 7 days and 1047 lb. the following year. She has produced over 30,000 lb. butter in 3 years, an average of 20,000 lb. milk and 1,000 lb. butter per year for 3 years. One of her sons sold for $3,000 and one for $2,500.

Juliana Count 63200 is four years old and an extra fine individual. He is a grandson of Lilith Pauline De Kol's Count, sire of 68 A. R. O. daughters and 32 proven sons (two daughters over 30 lb.)

Juliana Count is a sure breeder; his offspring are very good type and a number of them will be tested this fall. He is kind and gentle to handle. I have a large number of his daughters and must dispose of him so not to inbreed.

For extended pedigree and price, write

ROY HARTEL **FORT ATKINSON, WIS.**

IT IS CLEAR SAILING

if you fall in line with Sir Segis Korndyke Walker No. 59712

Ten of his two-year-old daughters have freshened and have an average of 17.39 lbs. of butter in seven days. This average includes two heifers that freshened at seven months and one yearling. We have thirty-five more daughters that have not freshened, which are very promising and fine individuals. His sons are good ones, but few in number. Take this opportunity and have one sent to you subject to approval. If not as represented, return at our expense.

Write for pedigree and description.

F. C. & K. A. OVERTON

ADAMS, N. Y.

HILLSPRING ALLIE FAYNE

has a bull calf sired by **King Pontiac** Portia. She has just completed a record of 17.005 pounds butter from **383.5 pounds** milk, as a senior four-year-old. She is a granddaughter of Sir Fayne Concordia, from a 15.18 lb. granddaughter of Pearl of the Dairy's Joe De Kol. Three-quarters white and individually just like his "dad". For price etc. address

C. C. FRIES & SON,
Richland Center, Wisconsin.

SIR JOHANNA DE KOL 23RD

Brother to Johanna De Kol Van Beers and son of Sir Johanna De Kol heads our herd. His dam—Cedar Lawn Johanna Inka 110919 has an A. R. O. record of 21.52 lbs. butter at 2 years, 6 months. His sons and daughters are all true to the Johanna type—evenly marked, straight rump, fine skinned and good frame work.

We have a few sons left who will be ready for service this coming fall.

CARL MUTH DAIRY
Egbert Muth, Prop., Sheboygan, Wis.

Typewritten Pedigrees

On the best quality paper 9 1-2x14 with diagram.

No. 2-14 ancestors Blue Book records (3 for $1) 35c. No. 5-14 ancestors up to date pedigree 2 colors 75c. Carbon copies 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs write **F. G. JOHNSTON, 37 W. Lane Ave., Columbus, O.**

King Pontiac Asia 58042

He is a son of **King of the Pontiacs** and **Pontiac Asia** (A. R. O. 26 lbs. butter in 7 days, 742 lbs. in 336 days), who is three-fourths sister to Pontiac **Pleone** (26 lbs. in 7 days, 925 lbs. in 346 days)—both sired by **Hengerveld De Kol. For Sale**—bull calf from **Johanna cow** (22-lb. jr. 2-yr.-old) and by above herd sire.

M. F. PECK & SONS, Marshall, Wis.

NONPAREIL FARM

HERD SIRE, King Pontiac Lilith Altoana No. 107196. Service fee $50.

Special dairy rate.

Visitors at the Club Sale are cordially invited to come and look over our herd.

FAY & CLOYES, Props.
Earlville, N. Y.

Milford Meadows Stock Farm

Holstein-Friesians

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families.

Developers under normal conditions.

This year's crop of bull calves from A. R. O. dams, sired by 29.55-lb. bull. He sired by 34.96 lb. bull. Descriptions of calves and dams sent on application. Business office

122 So. Michigan Boulevard, Chicago.

THE STANLEY ENGRAVING CO.

Photo-Engravers, Zinc Etchers, Designers.

Half tones, 3x4, at the low price of $1.50. Cuts that will run. References, this paper. Satisfaction guaranteed. **Library Bldg., Tioga St., Ithaca, N. Y.**

They Have The Class

We offer two grandly bred bull calves of outstanding individuality.
No. 1. Born Jan. 2, 1914
Sire—Son of a 29.63-lb. cow.
Dam has butter 7 days 28.071 lb., milk 656.6 lb.
30 days 115.50 lb., milk 2742.3 lb.
Milk one day 98.3 lb.
No. 2. Born Dec. 29, 1913.
Sire—Grandson of King of the Pontiacs, out of a 20.43-lb. two-year-old granddaughter of De Kol 2d.
Dam has butter 7 days 23.263 lb., milk 547.4 lb.
30 days 96.466 lb., milk 2247.9 lb.
She is a daughter of Lord Netherland De Kol (121 A. R. O. daughters).
These calves are choice in every respect and the price is very reasonable. Don't pay until you receive the calf. We can help you make money.

E. C. BRILL

STEWARTSVILLE, N. J.

STOP AND TAKE NOTICE

Bull born Jan. 19, 1914, ⅞ white, straight, very stylish cannot help but please you.

Sire—**WOODCREST AAGGIE LAD**
First daughter just tested jr. 2—better than 16 lbs. in 7 days, milked 60 lbs. per day. More to follow.

Homestead Girl De Kol Sarcastic Lad
103 A. R. O. daughters.
Woodcrest Aaggie Tehee
4 yrs. Milk 7 days 645.3 Butter 24.53
4 yrs. Milk 30 days 2619.3 Butter 100.08

Dam—**LIEUWKJE PAULINE DE KOL WAYNE 2D**
3 yrs. Butter 25.30.
Full sisters—Lieuwkje Lynfeld Pleasant Valley Kate 36.15 Lieuwkje Pauline De Kol Wayne 3d. 2 yrs. 2 mos. Butter 22.98.

Sir Woodcrest Korndyke Kate De Kol
15 A. R. O. daughters, av. better than 25 lb.
Lieuwkje Pauline De Kol Wayne
Butter, 30.47.
Her sire, a full brother to Aaggie Cornucopia Pauline 34.34.

Also a few heifer calves sired by better than 30-lb. sires, fine individuals.

A. R. OWEN, **"Maplewood Farm"** **Goshen, New York.**

QUEEN MILK AND BUTTER CHAMPION, No. 74653 Herd Sire

He by a bull whose sire and dam combine two of the families of three generations of 30-lb. cows. His dam is the only cow that has ever made three records that average over 32 lbs. and given 120 lbs. milk in a day with each record.

Clayton Sisson **SHERBURNE STOCK FARM** **Sherburne, N. Y.**

SOLD

The bull advertised last week is sold—but there are some others that may be just what you have been looking for. They are certainly of high quality—and these prices contemplate quick sales.
1. King Lunde Pietertje Pontiac No. 121630, born Oct. 8, 1911.
Sire—King Pontiac Pietertje No. 56609, a son of **King of the Pontiacs,** from a 25-pound three-year-old.
Dam—Netherland Polly No. 110014 (untested as yet, but a great producer). Price $175.00.
2. Segis Korndyke De Kol Pietertje No. 121118, born Nov. 19, 1912, sired by a son of the noted 37-lb. sire, King Segis De Kol Korndyke, and from the untested cow, De Kol Pietertje Pride 2d Daisy 127946. Price $75.00.
3. A son of the same cow as No. 2, sired by Prince Korndyke Pontiac, my herd sire, a 33-pound son of Pontiac Korndyke.
This one was born Dec. 29, 1913. Price $100.
Here are grandsons of King of the Pontiacs, King Segis De Kol Korndyke, and Pontiac Korndyke. Take your choice, but remember that they will go quickly.

HUGH J. DAVIS,

Maple Ridge Herd, - - - Broadalbin, N. Y.

EMBLAGAARD HERD

SIRES IN SERVICE

COLANTHA JOHANNA CHAMPION 45674

THE PROVEN SON OF COLANTHA 4TH'S JOHANNA.

EMBLAGAARD PRINCE 80596

A son of Segis Walker Pietertje, 27.85 lbs. at 3½ yrs. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs. are two of the only 4 30-lb. cows of the breed that have produced 30 lb. daughters, that have also produced 30 lb. daughters.

EMBLAGAARD DAIRY - - - - - BIG BAY, MICHIGAN

HERE IS ANOTHER

The one we advertised last week is sold.

Sire—Sir Veeman Hengerveld.

Dam—Julia Hengerveld Veeman.

A great producing heifer whose record of 14.41 lb. butter, 356.4 lb. milk in July is no true measure of her capacity. She is in the herd and is sure to be heard from later. She was by Sir Korndyke Pontiac Artis, and from a 17-lb. 2-yr.1old daughter of the 25-lb. show cow, De Kol Princess Tricksey, and

SIR VEEMAN HENGERVELD

thus giving the calf a double cross of the blood of this wonderful sire.

Calf was born July 2, 1913, and is now ready for service. Two-thirds white. Here is individuality and breeding.

W. D. ROBENS

Pleasant Hill Herd **POLAND, N. Y.**

N. B. The service fee of Sir Veeman Hengerveld for approved cows only, is $100.00.

A Sire of $5,000 Quality Pontiac Segis DeKol Kioka

Sire—King Pontiac Calypso—the best son of King of the Pontiacs.
Dam—Segis Pontiac Kioka.

At 4 years—

Butter 7 days	32 09
Milk	442 50
Average per cent fat	5 80

From a 24-lb. dam, and by one of the best sons of King Segis. Pontiac Segis De Kol Kioka will make a name for himself.

THOS. McDONALD — Proprietor
HIGH HILL DAIRY — Pulaski, Pa.
ARTHUR H. WHITE — Manager

DISPERSION SALE OF ENTIRE HERD

of 40 Head Registered Holstein-Friesians at Louisville, Ohio, June 17, 1914 (12:00 m.).

This herd consists of high-class individuals and represents the best of breeding, including:

A daughter and granddaughter of Pietertje Hengerveld's Count De Kol; also granddaughters of De Kol 2d, Mutual Paul, and King of the Pontiacs. Several cows with good A. R. O. records. A 4-yr.-old son of De Kol 2d Mutual Paul, and a grandson of Pontiac Korndyke.

Every cow in the herd of milking age a good strong producer under ordinary farm conditions.

Will also offer for sale at public auction on same date my farm consisting of 53 acres, large house and barn, 2 silos, and other necessary buildings, all in fair repair. Fertile land, well drained, one of the best and nicest laying farms in the county. Plenty of fruit, young plum orchard of over 100 trees.

Send for catalog.

L. D. MARSHALL, Proprietor

ANDREWS & FROMM, Aucts. **S. T. WOOD, Sale Mgr.**

Seek-No-Farther Holsteins

THE GREATEST SPRING FRESHENING HERD IN MICHIGAN

Headed by and bred to a young grand son of King of the Pontiacs, Pontiac Artis, Joe Gelsche De Kol Burke and Clarissa Clothilde Pietertje.

His three nearest dams average over 30 lbs. butter and over 611 lbs. milk for 7 days.

Our cows will freshen from March 8 to June 16. Make your wants known at once, or you'll be too late. Every person has his own choice with us.

Yours to please.

H. A. WARD Prop. **GREGORY, MICH.**

REST EASY HERD

Home of the World's Record son of KING OF THE PONTIACS

King Pontiac Mayflower No. 105149, represents H. M. Dunham's judgment of what constitutes a desirable son of King of the Pontiacs, and Mr. Dunham's opinion on this point ought to carry weight, considing that for several years he has had charge of the daughters of King of the Pontiacs that have been making history for the breed.

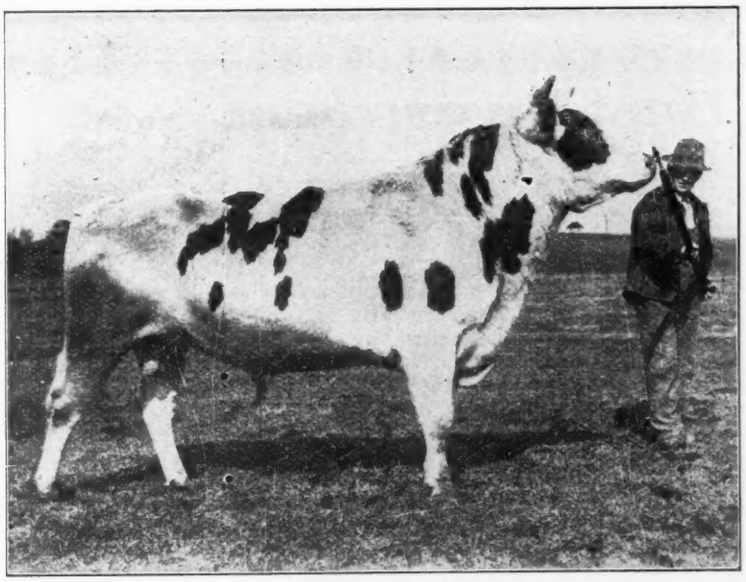
The dam of King Pontiac Myflower is the former World's Champion, Mayflower Lilith Pauline, with records at 3½ years of **510.9 lbs. milk, 31.14 lbs. butter in 7 days, 2185.6 lbs. milk, 128.13 lbs. butter in 30 days.** Average test for 30 days **4.69 per cent fat.**

The owners announce that a few more approved cows will be received for service to King Pontiac Mayflower at $150 to insure a live calf.

A few young bulls are offered sired by Spring Farm King Pontiac, a brother to the 44-lb. cow. Two of these are from a 30-lb. daughter of Tidy Abbekerk Prince. Address (mentioning the World),

H. M. DUNHAM & SONS

MARCELLUS, N. Y.



KING LYONS 71155

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9 year old sire and grand sire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

KING LYONS NO. 71155. BORN MARCH 23, 1910.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. **Sire, Colantha Johanna Champion 45674,** a son of **Colantha Fourth's Johanna.** Butter, 7 days, 35.22 lbs. Her sons have sired the following World Record Heifers:

Colantha Johanna Champion—the sire of:
Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a World Record.

Colantha Johanna Lad, the sire of:
Dutchland Colantha Vale, a junior two-year-old, milk 22,750.2 lbs. one year, a World Record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6, one year, a World Record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 one year, a World Record.
What more could you ask of the sons of any one cow.

The dams of the following 30-lb. cows appear in the breeding of King Lyons:

Grace Fayne 2nd Homestead	33.55	Betty Lyons Netherland	34.71
Colantha 4th Johanna	35.22	Blanche Lyons Netherland	34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree, printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. **WM. B. SIMPSON, Supt.**

More Than a 36-lb Bull

There are but a few bulls whose two nearest dams average over 36 lb., and where can you find a single one that equals this?—

A son of the $15,000 son of the 44-lb. cow, and Elzevere Barnum De Kol, one of the heaviest producers and choicest individuals, as well as one of the greatest transmitting cows of the breed. As a 4-yr-old she made records of 29.09 lb. butter, 579.1 lb. milk in seven days—115.23 lb. butter, 2294.3 lb. milk in thirty days, averaging 4.02 per cent fat for both periods. She is a show cow of the first water, perhaps the best in my herd. She now has six A. R. O. daughters, including two above 26 lb., one 22 lb., and a 20-lb. junior 2-yr.-old. She also has one good A. R. O. son. Her second son is now in service in my herd, and will be given every opportunity to make a reputation.

King Pontiac Barnum De Kol was born April 13, 1914, and, as might be expected from his ancestry, is a beautiful individual, of exceptional promise—seven-eighths white.

The records of his dam and sire's dam average,—

Butter 7 days ..... 36.63 lb.
Butter 30 days .....143.38 lb.

There are not enough of this kind to go around; so you will have to speak quick, and be sure to mention the World. He will bring wealth to any community to which he may go.

QUENTIN McADAM

231 South Street Brothertown Farms UTICA, N. Y.

FAIRVIEW FARMS

Sires in Service:

King Korndyke Maid who was by Pontiac Korndyke and from Pontiac Korndyke Maid (33.76 lb.)

Maplecrest De Kol Paul—a son of Friend Hengerveld De Kol Butter Boy, from a 30 lb. 4 yr. old daughter of Pontiac Aaggie Korndyke.

No other herd has in service two 30 lb. bulls by sires of the quality of these.

WRITE US YOUR WANTS.

R. T. EASTMAN, Prop. LITTLETON, N. H.

The Best Investment

you can possibly make is in the right kind of a sire to head your herd. A good bull will make you a fortune, while one of the other kind will lose you money on every cow bred to him.

We are confident that we can offer you as much for your money as anyone. Here is a sample bargain—for $500.00, a bull calf born Dec. 5, 1913—handsomely marked, and a **right good individual.** His sire is the great show bull, Ormsby Korndyke Lad, whose two nearest dams average over 35 pounds butter in seven days, and over 138 pounds in thirty days. He is a coming sire.

The dam of the bull, under conditions which would have laid out an ordinary heifer, produced 16.69 pounds butter, 355.1 pounds milk in seven days as a junior two-year-old. She is bound to be heard from in later tests. She has a right to be good, for she is sired by **Pontiac Korndyke**—The King of the Holstein sires. Her dam is a 23.8-lb. four-year-old, out of a 23-pound cow, and by the century sire, De Kol 2d's Butter Boy 3d.

Where can you beat this combination for the money, especially when you consider the future prospects of the dam?

You ought to see this calf and his dam.

Address

DAVISDALE HERD

HARRY B. DAVIS, Prop. Chester, N. Y.

Opportunity Knocks at Your Door

The Tri-County Holstein-Friesian Breeders' Association will hold their annual sale at Sidney, N. Y., on May 20th and 21st. About two hundred (200) head of registered Holstein-Friesian cattle are to be sold. These animals are the surplus from the herds of well known breeders of high reputation.

Included in this lot of superior cattle, will be the entire herd of Dunham Brothers, Bainbridge, N. Y., which they are obliged to sell, owing to the sale of their farm.

CONSIGNORS TO THE SALE:

W. L. Terry, Walton, N. Y.
Ralph Corbin, Bainbridge, N. Y.
J. A. Vandervort, Sidney Center, N. Y.
Dunham Bros., Bainbridge, N. Y.
H. C. Swartout, Hartwich Seminary, N. Y.
O. L. Ives, Guilford, N. Y.
E. E. Risley, Walton, N. Y.
E L. Hall, Oneonta, N. Y.
M. C. Johnson, Sidney, N. Y.
and other consignors of high standing.

For information and catalogs, address

Dunham Bros. Bainbridge, N.Y.

FAIRVIEW FARMS HERD

In talking about great bulls, do you ever stop and think what a great bull realy is? Did you ever study the breeding of RAG APPLE KORNDYKE 8TH No. 73416—the strongest bred Korndyke bull in the world. His dam, PONTIAC LADY KORNDYKE (38.03 lbs. in 7 days and 156.92 lbs. in 30 days, both World's Records when made) is a 75 per cent daughter of PONTIAC KORNDYKE, out of LADY KORNDYKE PAULINE DE KOL (29.14 lbs. in 7 days and 115 lbs. in 30 days) also a daughter of PONTIAC KORNDYKE. RAG APPLE KORNDYKE 8TH is sired by RAG APPLE KORNDYKE, a son of PONTIAC KORNDYKE, out of PONTIAC RAG APPLE (31.62 lbs. in 7 days) and a full sister to PONTIAC CLOTHILDE DE KOL 2D (37.21 lbs. in 7 days.) RAG APPLE KORNDYKE 8TH, therefore, traces four times direct to PONTIAC KORNDYKE, and carries 75 per cent of the blood of this greatest of all sires of the past.

Come and see RAG APPLE KORNDYKE 8TH and his splendid sons and daughters at FAIRVIEW.

E. H. DOLLAR

HEUVELTON NEW YORK

Holstein-Friesian Facts

That Every One Should Know

Banostine Belle De Kol, the CHAMPION COW OF THE WORLD, was bred, reared and developed at Maplecrest Farm.

High-Lawn Hartog De Kol, the only cow the world has ever produced to make over 1200 pounds of butter in a year and have a daughter to do the same, was bred, reared and developed at Maplecrest Farm.

Daisy Grace De Kol, the greatest Junior four-year-old the world has ever produced, was bred, reared and developed at Maplecrest Farm.

The only three daughters of one sire each to produce over 1200 lbs. of butter in a year were bred, reared and developed at Maplecrest Farm.

Friend Hengerveld De Kol Butter Boy, the sire of all of the cows mentioned above, is now owned and in service at Maplecrest Farm.

Only fifteen of the leaders in the various Holstein-Friesian classes were reared and developed by the person who bred them. Five out of the fifteen were bred, reared and developed at Maplecrest Farm.

Maplecrest Farm has bred, reared and developed as many of the six greatest yearly record Holstein-Friesian cows as all other breeders and firms combined.

Pontiac Aaggie Korndyke, the Junior sire at Maplecrest Farm, has more 30-lb. daughters than any other living sire. Only three other sires have ever had more 30-lb. daughters than he now has. One of these was his own sire and another the sire of his dam. No other sire ever had as many 30-lb. daughters at his age.

The daughters of Pontiac Aaggie Korndyke have made greater yearly records than have the daughters of any other sire except Friend Hengerveld De Kol Butter Boy.

Euphrasia A. the great foundation cow of Maplecrest Herd has more great cows tracing back to her all the way through females than any other cow living or dead.

At Maplecrest Farm three cows have been bred, reared and developed each of which has made more than 1200 lbs. of butter in a year. One cow to produce over 1200 pounds of butter in a years is as many as any other breeder or firm has been able to breed, rear and develop.

A few choice bull calves for sale.

The MAPLECREST STOCK FARM CO. Successor to DAN DIMMICK & BRO.

Telephone Connection between Farms and Office

Office at Kalamazoo, Mich. Farms at East Claridon, Ohio.

Greatest Dispersion Sale of the Season

GROVELAND HERD

Owned by

Frank White & Son Woodstock, Ill.

JUNE 11, 1914.

AT THE FARM

This herd has been shown four years in succession at all the leading state and national shows of dairy cattle and has won a total of $15,000 in prize money.

This is a complete dispersal sale containing fifty head of registered and tuberculin tested cattle. Bulls number 12 head. Remainder are cows, heifers and heifer calves. All but three cows have A. R. O. records.

The senior herd sire is Cornucopia Pontiac Johanna Lad, No. 48355; one of the best sons of King of the Pontiacs, from a 24.95 daughter of Aaggie Cornucopia Johanna Lad, whose dam is Aaggie Cornucopia Pauline who held the world's seven day four-year-old record for eight years. This bull is a full brother to K. P. Manor Kate, who astonished the world by her two year old world's record of 28.10 lbs. in 7 days, 112.47 lbs. in 30 days and 1023.41 lbs. of butter in a year, at 32 months of age. Milk record for the year was 22,106.41 pounds. He is a brother to Woodcrest Manor Kate, who made 21.12 at 24 months of age. He is sire of a Junior 4-yr-old who just made a record of 23.06 pounds butter in 7 days, and 537.80 pounds milk. Another daughter made 19.30 pounds butter and 567 pounds milk at two years and six months of age. She averaged 80 pounds milk per day for 7 days; 84 pounds the best day; third highest milk record made for heifer with first calf. Another daughter at 2 years and 2 months made 19.78 pounds butter in 7 days. This bull is the sire of some of our best show and producing cows. He has 7 A. R. O. daughters in all.

The Junior Herd sire, Groveland Inka Hijlaard No. 57856 is a son of Inka Princess Canada Prince from the great foundation cow Lady Ona Hijlaard, the greatest show cow in the west. He is the sire of 7 A. R. O. daughters with records as Junior 2 yr. olds from 13.59 to 16.39 pounds butter in 7 days. Also sire of a number of our best show animals; he, himself has a show record unequalled. As a 2-year-old he showed at 8 State Fairs anl Dairy Shows without defeat, winning champion and grand champion six times out of eight. As a three-year-old he repeated his two-year-old record. As a four-year-old in the first six out of eight shows he won first, and champion and grand champion five times. He with his sister showing as produce of cow showed at 32 state fairs and dairy shows in three years without a defeat, making a world's record. He is the sire of the first prize junior champion heifer at the Iowa Dairy show 1910, also sire of the first price senior heifer calf at the National Dairy Show 1912. These two calves were also winners of first at many other fairs the year they were shown.

The three-year-old bull is a grandson of Hengerveld De Kol. His dam is now on test.

The females include many A. R. O. cows and heifers with records up to 23 ponuds butter in 7 days. Here are a few of the best:

Groveland Pontiac Hijlaard, Junior 4-yr-old	23.06 butter 7 days.
Mercedes Jessie Arona, full age	21.69 butter 7 days.
Beauty De Kol DeVries, full age	21.56 butter 7 days.
Beauty De Kol Maid Segis, Junior 2-yr-old	19.78 butter 7 days.
Lillith De Kol Hengerveld, full age	17.44 butter 7 days.
Groveland Korndyke Cornucopia, Jr. 2-yr.-old	19.30 butter 7 days.
Groveland Inka Netherland, Jr. 2-yr-old	16.39 butter 7 days.
Fourteen days	31.41 pounds butter
Groveland Inka Mercedes, jr. 2-yr-old	15.93 butter 7 days.
Fourteen days	31.30 pounds butter.

Females also include Flush's Emma De Kol 2nd's De Kol, dam of Lady Concordia De Kol with a record of 35.15 pounds butter seven days. Two of her daughters will sell, one with a seven day record of 13.5 as a junior two-year-old, she being one of our best prize winners.

Also five daughters of King Pietertje Segis, who is one of the best sons of King Segis. One heifer has a record at two years and two months of 19.70 pounds butter in seven days. Another has 14.61 pounds at the same age. One is out of a dam with a record of 29 pounds in seven days.

Also a 2-year-old heifer, Artis Pontiac Judith, with a wonderful combination of Pontiac breeding. She is a granddaughter of King of the Pontiacs and King Segis Pontiac, and has a record as junior two-year-old of 12.22 pounds butter. She is bred to our senior herd sire. She has unquestionably the greatest breeding of any heifer in the sale and of any that will be sold this year.

Also a half-sister to Tweed De Kol Lass, 34.39 pounds butter seven days, who is the dam of K. P. Pontiac Lass, 44.18 pounds butter seven days and the world's record daughter of King of the Pontiacs, and to Tweed White Lady with record of 37.45 pounds butter seven days. There will be a son and a daughter of this cow in the sale, a great prospect for a produce of cow exhibit. The heifer was first prize senior calf at National Dairy show and state fairs in 1912.

Also one daughter of Pontiac Hengerveld Parthena, who recently sold at the reported price of $9,000.

One granddaughter of De Kol 2nd Butter Boy 3rd, from an 18-pound dam. One heifer from a 30-pound son of Paul Beets De Kol with a 26 pound dam.

One daughter of Cornucopia Pontiac Johanna Lad out of a daughter of Hengerveld Parthena with a record of 17.44 pounds butter in seven days.

Bull calves include a son of the only 30-pound son of Paul Beets De Kol and a 23-pound daughter of Cornucopia Pontiac Johanna Lad; one son of Sir Prilly Walker out of an 18-pound dam; a son of Cornucopia Pontiac Johanna Lad out of a 21.69-pound dam. A son of same bull out of an 18-pound dam. A son of same bull out of a daughter of a 29-pound cow, and by a 29-pound son of King Segis.

In the collection of sixteen heifers which will be sold there is a splendid chance to pick out a show herd. Plan to attend the Greatest Dispersal Sale of the Season. Write at once for catalog.

Frank White & Son, Woodstock, Ill.

WEST MICHIGAN

HOLSTEIN BREEDERS'

THIRD ANNUAL

June Consignment Sale

To be held on the West Michigan State Fair Grounds in

GRAND RAPIDS

WEDNESDAY, JUNE 10, '14

ONE HUNDRED FIVE HEAD OF WELL-BRED HOLSTEIN CATTLE AT AUCTION.

Tuberculin tested, either by a Government Veterinarian or a competent Graduate Veterinarian, and Certificate of Health countersigned by the Michigan State Veterinarian, good individuals, and females bred to some of the best-bred bulls in the State of Michigan.

Several grandsons and granddaughters of Pontiac Korndyke and Hengerveld De Kol. A son of Johanna McKinley Segis, who is a son of King Segis and the forty-pound cow, Johanna De Kol Van Beers.

Young daughters of and cows bred to Traverse Dutch Weg, a son of Michigan's famous milk and butter producing cow, Traverse Princess Weg.

Females closely related to King Segis or in calf to grandsons of King Segis, Pontiac Korndyke and Hengerveld De Kol, or bulls of equally popular breeding.

Ninety head of high class females, consisting of good A. R. O. cows, choice heifers and heifer calves.

Two well bred full aged herd bulls, and several extremely well bred young bulls ready for service, and a few young bull calves of exceptionally good breeding.

Sale catalogs are ready now. Do not miss this sale if you desire to purchase some well-bred and sound Holstein bulls, cows, heifers or heifer calves that have been carefully tuberculin tested. The majority of cattle in this sale are from herds that are under Federal supervision, and may be purchased and shipped into Canada on recent Government Tuberculin Tests.

If interested, write for a Sale Catalog.

W. R. HARPER

SALE MANAGER

MIDDLEVILLE -- MICHIGAN

SPRING FARM HERD

THE HOME OF THE $15000 BULL SPRING FARM PONTIAC CORNUCOPIA No. 77172 AND HIS FULL BROTHER

KING KORNDYKE PONTIAC LASS NO. 115585

I NOW OFFER-

A Son of King Korndyke Pontiac Lass

from a 21.7-lb. junior two-year-old daughter of the great Spring Farm King Pontiac, whose first four daughters to freshen average over 20 pounds as junior two-year-olds. The six nearest dams of this calf average 33.56 lbs., counting his own dam with 21.70; counting her out, the next five average 36.08 lbs. The four line dams on the dam's side have records as follows: 21.70 junior two-year-old, 29.51 junior 4-year-old, 34.89 full age, 21.00 lbs. as a 12-year-old never tested before.

Where can you beat it?

Address—

Francis M. Jones

Oneida Co. **CLINTON, N. Y.**

THE OTHER GREAT BULL

WHAT MAKES THE MISSISSIPPI RIVER THE FATHER OF WATERS?

The great streams, such as the Missouri and the Ohio Rivers, that flow into the greatest river on the continent.

WHAT MAKES SIR PRILLY WALKER THE OTHER GREAT BULL?

At 5 years, 8 months, 15 days, the sire of a 30-pound, three-year-old, and other three-year heifers with high records. The streams that converged in his veins, flow from the most prepotent animals of the breed.

Hengerveld De Kol, Johanna Rue 3rd's Lad, Admiral Walker Pietertje, Susie De Kol and Prilly, contribute 93.75 per cent of the blood of Sir Prilly Walker. He carries and passes on in an intensified degree what they have contributed.

At the **first of the year,** the animals of his four generation pedigree **had produced 83 thirty-pound cows,** nearly **half** of them being heifers. This record is probably unequalled in any four generation pedigree, as Sir Prilly Walker is probably the youngest bull of the breed to have a thirty-pound daughter.

See the last issue, and the next, for **"The Other Great Bull".**

For sale: **Four sons of Lewis Prilly Rouble Hartog 2d from daughters of Sir Prilly Walker.**

MEADOW BROOK FARMS

BLAIRSTOWN, N. J.

R. L. WILLIAMS, Superintendent

JOHN C. SHARPE, Proprietor

A Little Preachment

The Holstein cow has been bred for centuries along milk-producing lines. With her the milking function has become a fixed characteristic, and while she has surpassed all the other breeds in butter-fat production, her superiority has been mainly due to her enormous milk-yielding ability. In fact **the Holstein cow holds her present proud position by virtue of her pre-eminence as a milk-producer.**

For years a goodly proportion of our breeders have been trying to raise the average test of the Holstein cow, and, while many records are made on a phenomenally high per cent of butter fat, no permanent raise of appreciable size has been effected. True, some of our greatest 7-day butter records have been made with percents of butter-fat which would remind us of Jersey or Guernsey records if the amounts of milk were a little lower. But, can a 30-lb. cow transmit 30-lb. quality to her offspring when her record was made with an abnormal per cent of fat? If she can, all right. If not, many are doomed to disappointment within the next few years.

There is an increasing number of men who are tying to **individuality, backed by large records of both milk and butter.** They are the men who are building on a sure Holstein foundation, with hardly a chance for disappointing results, for they are getting the advantage of the twenty centuries of breeding along this same line. They are the men who are working for the best interests of the breed in the coming years.

One of the very greatest present-day exponents of this idea is the bull, Kearsarge Pontiac Butter Boy No. 85079, who in respect to great milk and butter producing ancestry, combined with individuality, so far as we can determine, is in a class by himself. We gave you his complete pedigree last week. It is worthy of more study. Note that the records of his dam and sire's dam average 30.42 lb. butter, 774.2 lb. milk, and that when the records of two sisters of his sire are included, the resulting average butter production is still over 30 lb., while the average milk production for one, seven and thirty days is unapproached by any other sire of the breed.

If you want to raise a herd bull from your best producing cow, and want one that will put you in line to satisfy the demands of the future trade, why not send her to be bred to Kearsarge Pontiac Butter Boy The service fee for the present is only $100.00 for approvel cows.

Hastings & Prescott

LACONA, N. Y.

WILL BLOOD TELL?

YES

What goes in through the ancestors must come out through the descendants. Then what will be the story of the progeny of Spring Farm King Pontiac 6th?

He carries 87½ per cent the same blood as the 44 lb. cow, the World's largest record cow for all periods from seven to one hundred days. Spring Farm King Pontiac 6th has more blood in common with her than any other animal. His three nearest female relatives have seven day records averaging 38.67 lbs. and thirty day records averaging 150.12 lbs. which are larger than are the records of the like relatives of any other bull. Spring Farm King Pontiac 6th carries an average of 66 2/3 per cent the same blood as each of these three cows. He has more extreme high record blood than any other sire.

His dam, a granddaughter of De Kol 2d's Butter Boy 3d has a record of 34.39 lbs. for seven days and 128.95 lbs. for thirty days. Her daughter has a record of 44.18 lbs. for seven days and 171.53. for thirty days. These average records far dam and daughter, exceed any other dam and daughter by a wide margin for both seven and thirty days. On his dams' side, Spring Farm King Pontiac 6th not only inherits the capacity for large production but, his dam has shown her ability to produce through her descendants, in a way unequaled by any living cow.

On his sire's side, Spring Farm King Pontiac 6th is from the best son of, King of the Pontiacs. You know him. The sire of, Spring Farm King pontiac 6th is from a 37 lb. granddaughter of, Butter Boy 3d. No better producing breeding than this. This bull's first daughter to freshen just made over 22 lbs. as a junior two year old and the first five average over 21 lb. indicating his transmitting ability.

Spring Farm King Pontiac 6th has the best records and greatest producing blood in the world on both sides of his pedigree. His dam has shown unequalled transmitting ability, his sire has shown his own transmitting ability.

Blood lines, transmitting ability, records, its all there, in the superlative. That is why, Spring Farm King Pontiac 6th is the best bred Holstein-Friesian bull in the world, that is why you should be interested in him, that is why his progeny MUST make good.

We have two sons of his left.
The service fee is $200 to insure, Live Calf.
We have cows and heifers bred to him for sale.
We want to do business with you.
Send for booklet, it tells about Spring Farm King Pontiac 6th.

Henry Stevens & Son

BROOKSIDE STOCK FARM

Lacona, N. Y.

Established 1876 **175 HEAD**